

Program EVALPLOT
(Version 2021-1)

by

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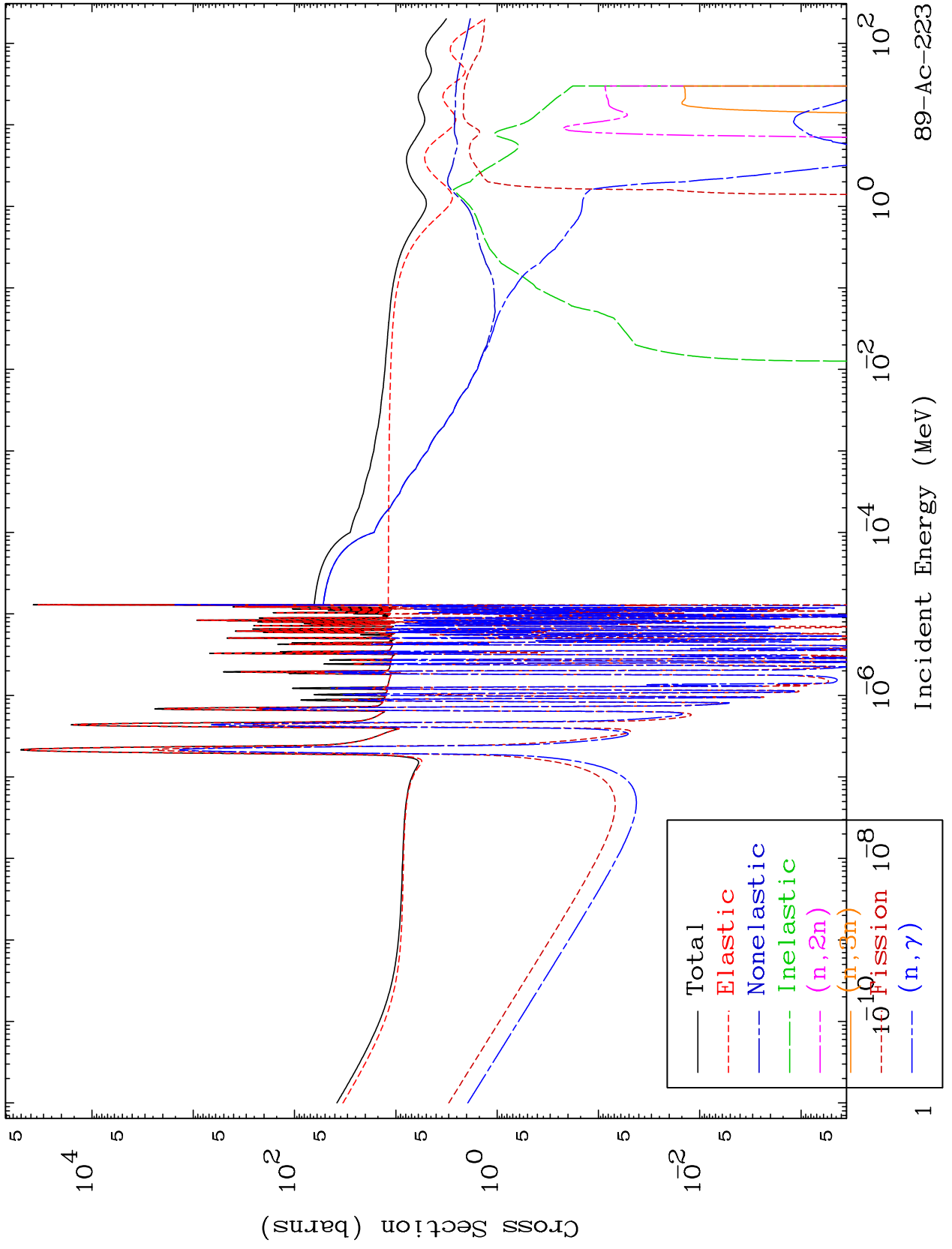
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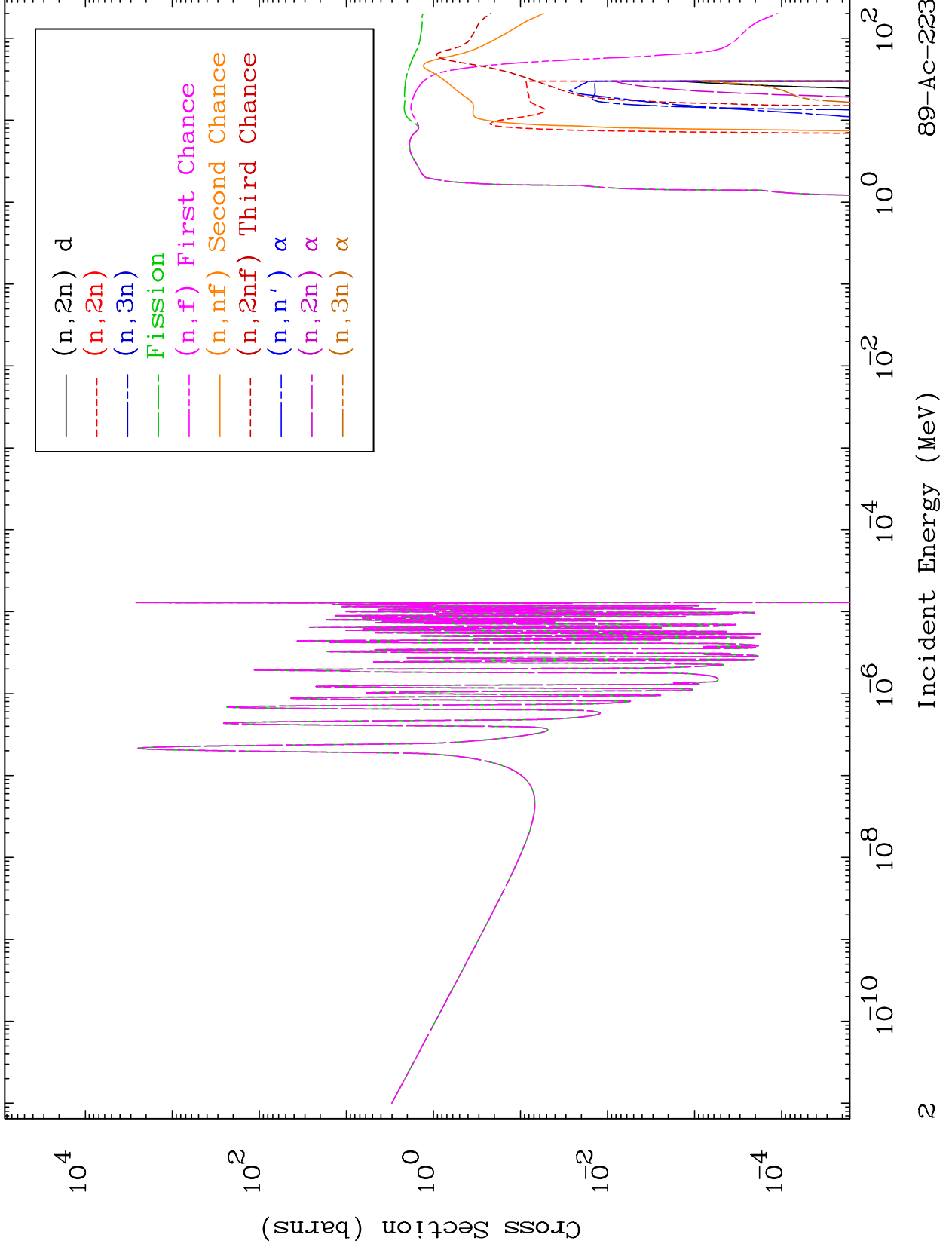
Press Mouse Button to Start

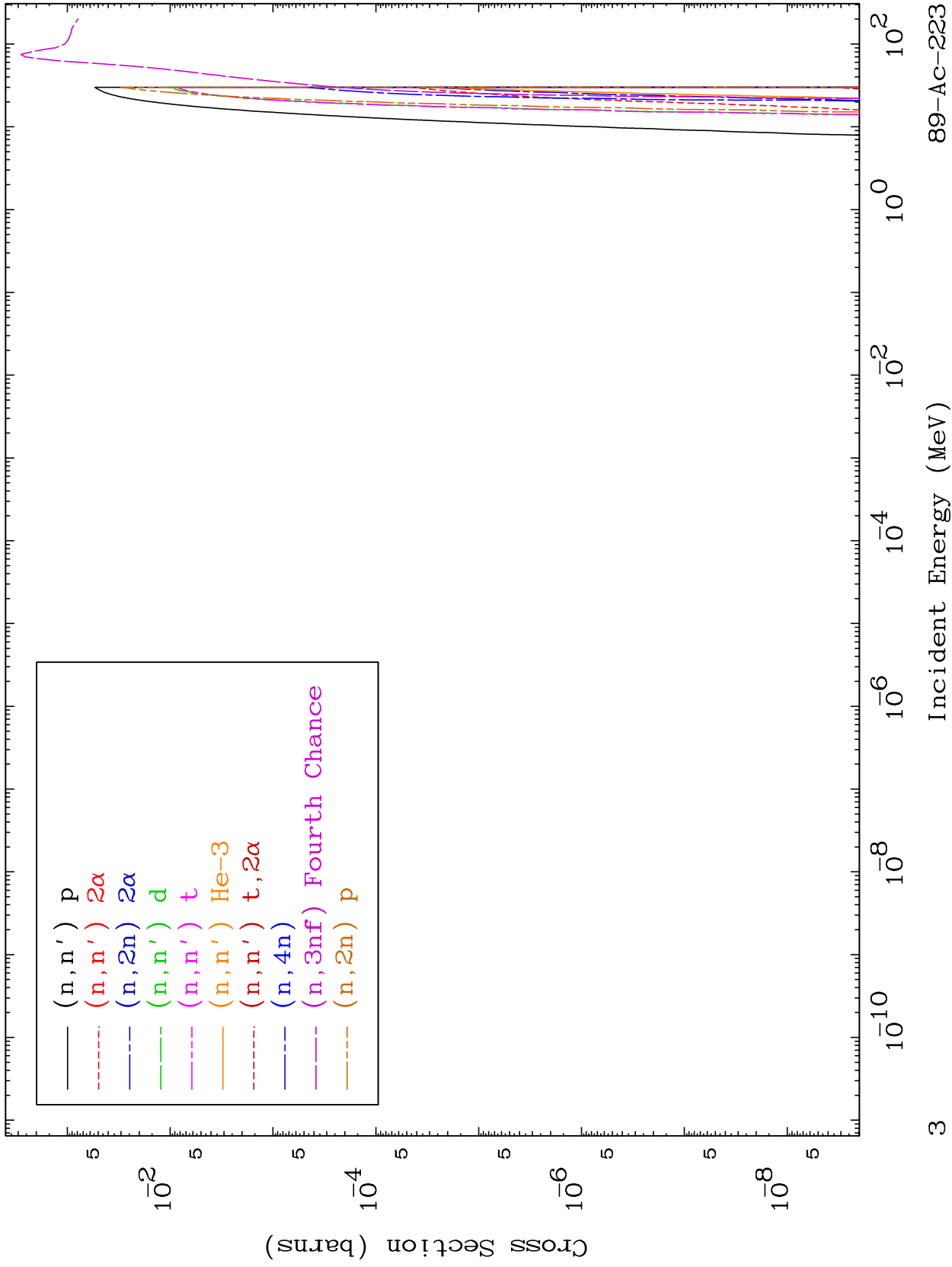
MAT 8919

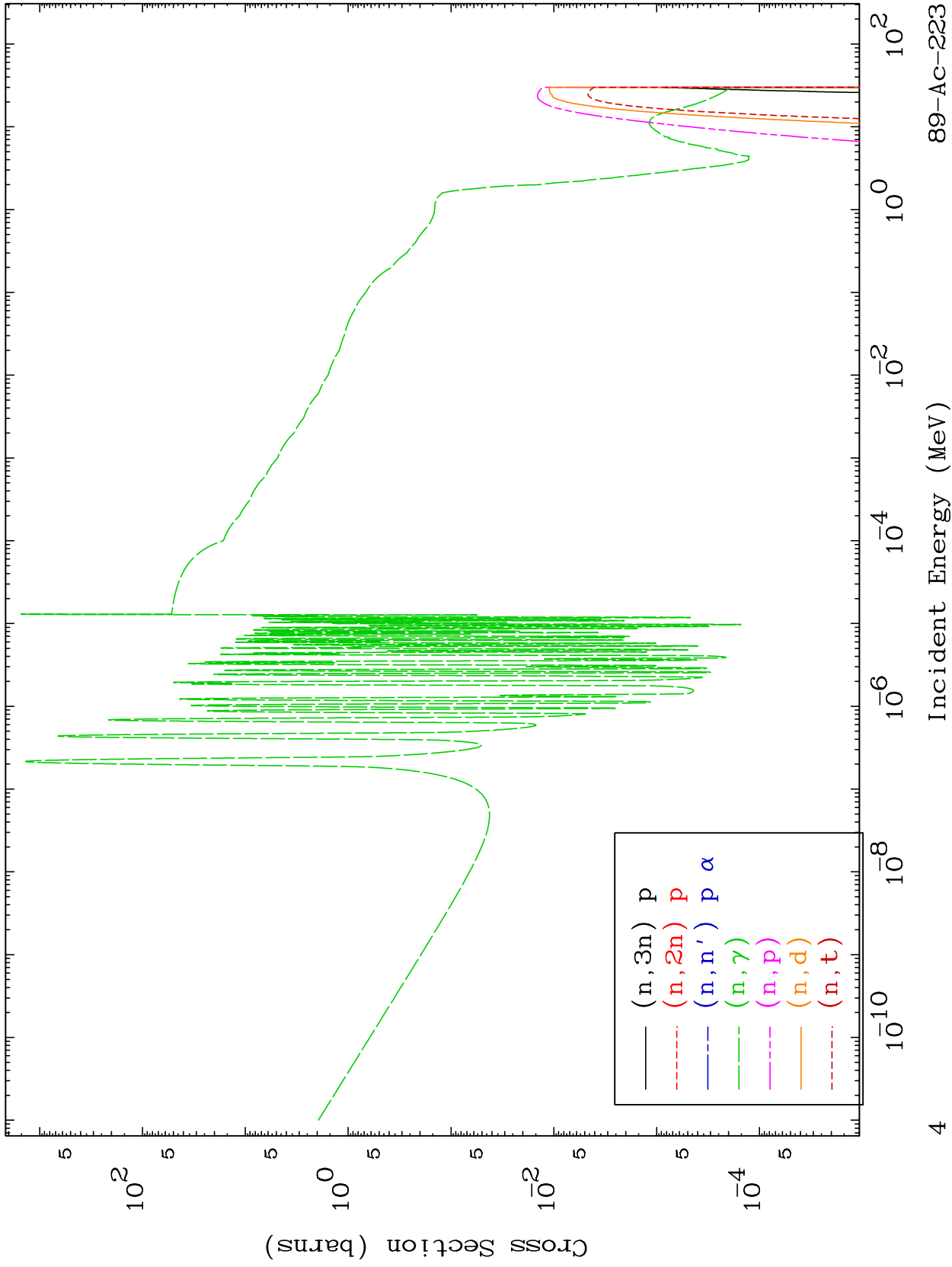
Neutron Major
293 Kelvin Cross Sections

89-Ac-223





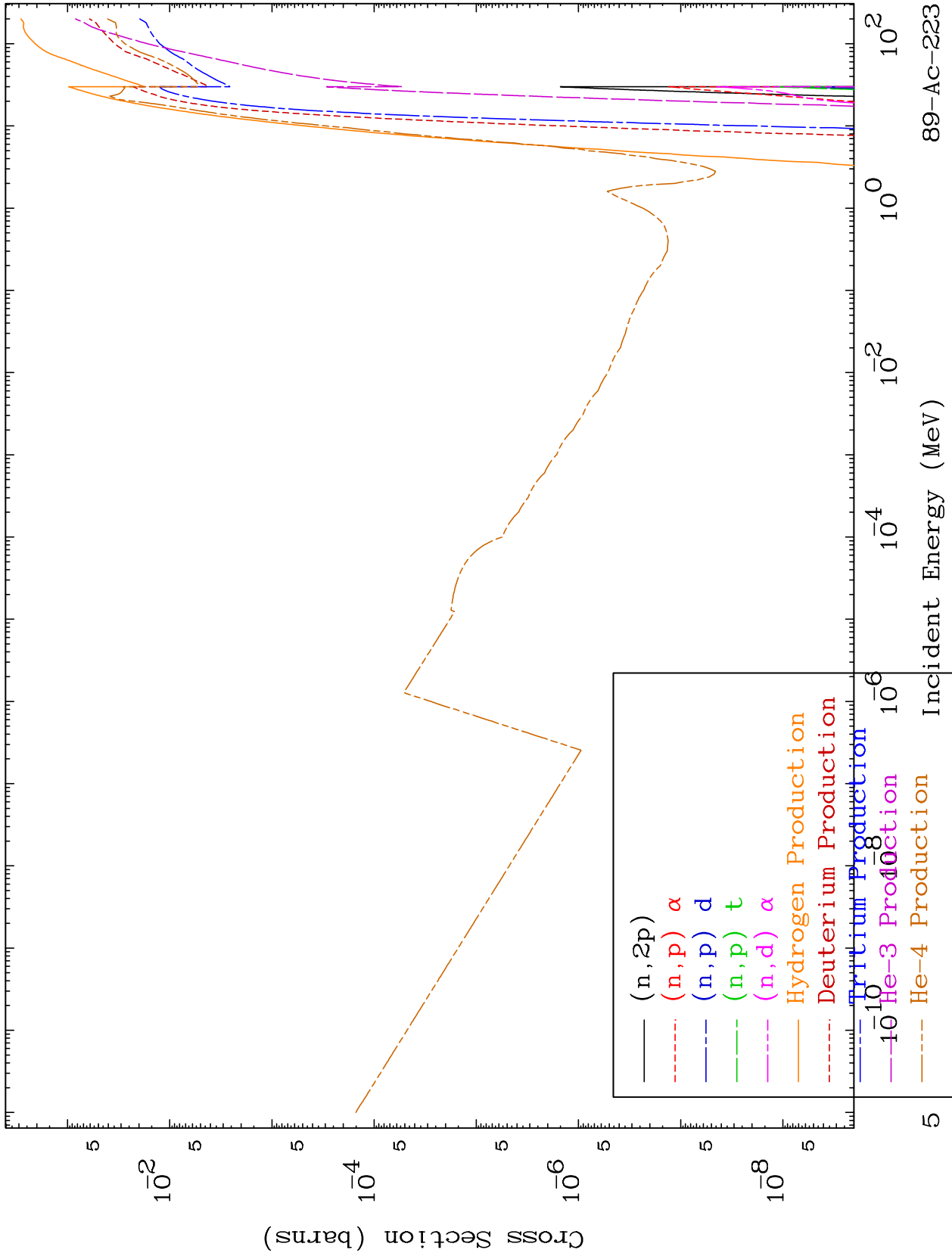




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Neutron Absorption
293 Kelvin Cross Sections

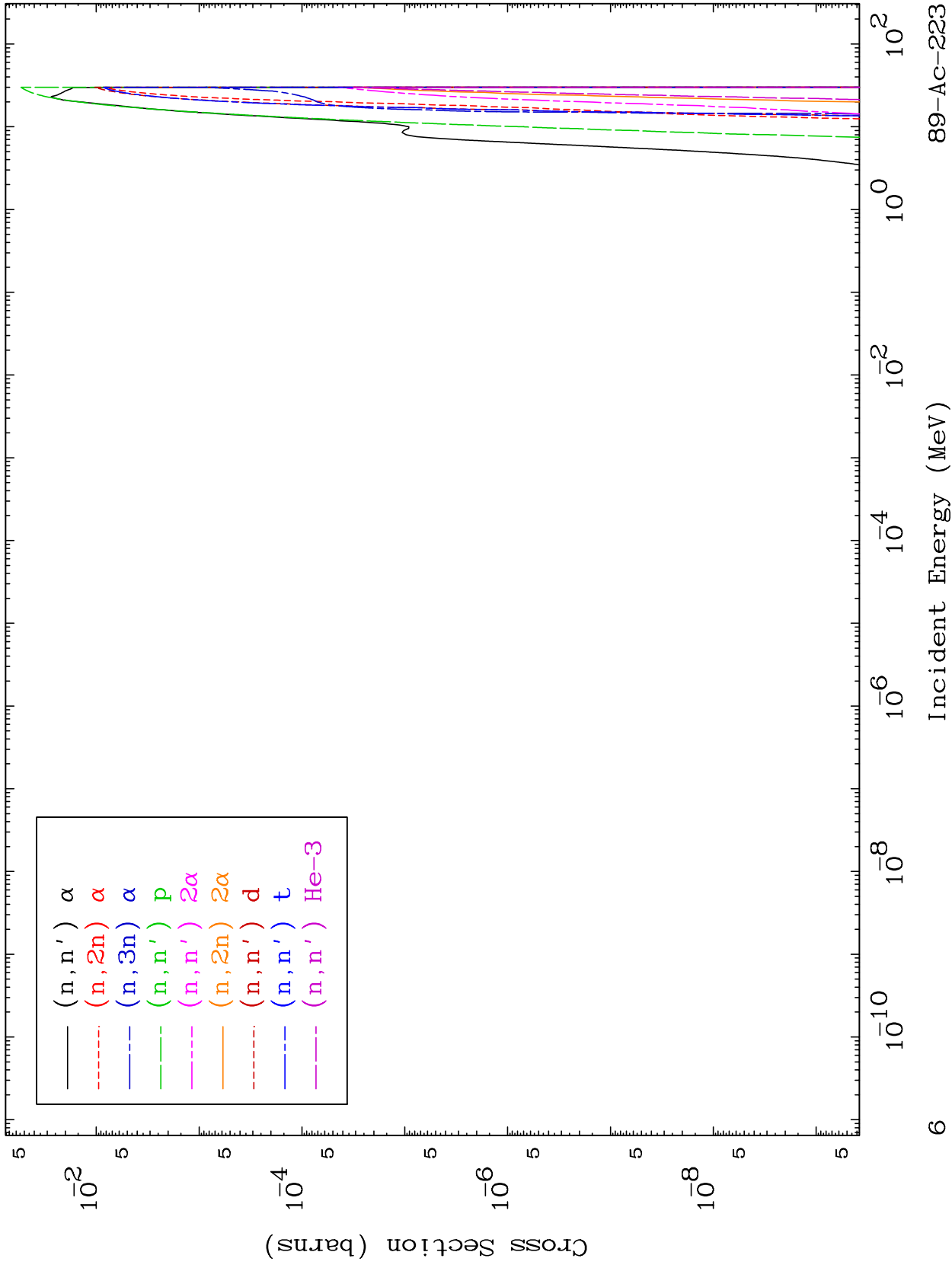
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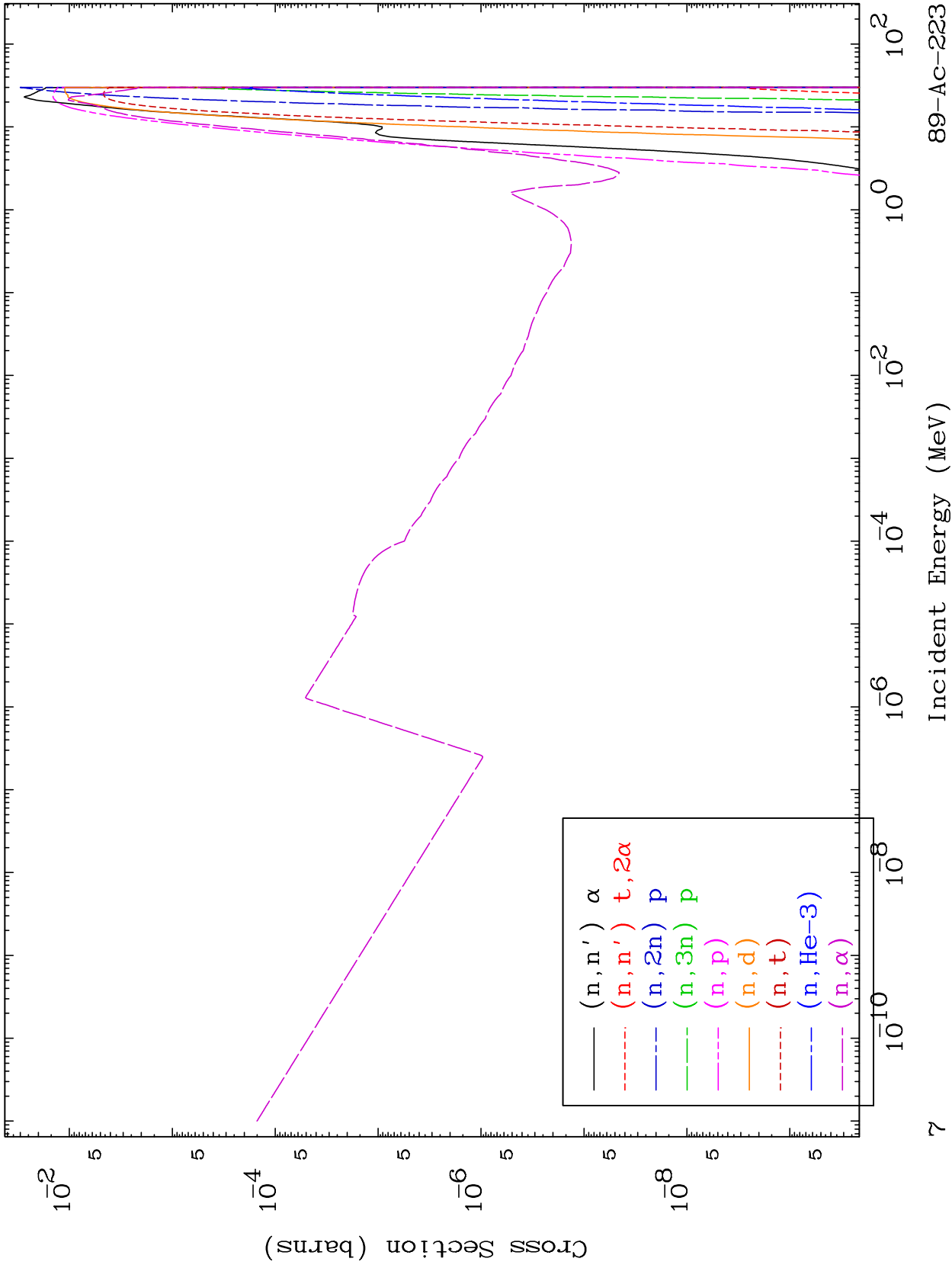


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Charged Particle
293 Kelvin Cross Sections

89-Ac-223

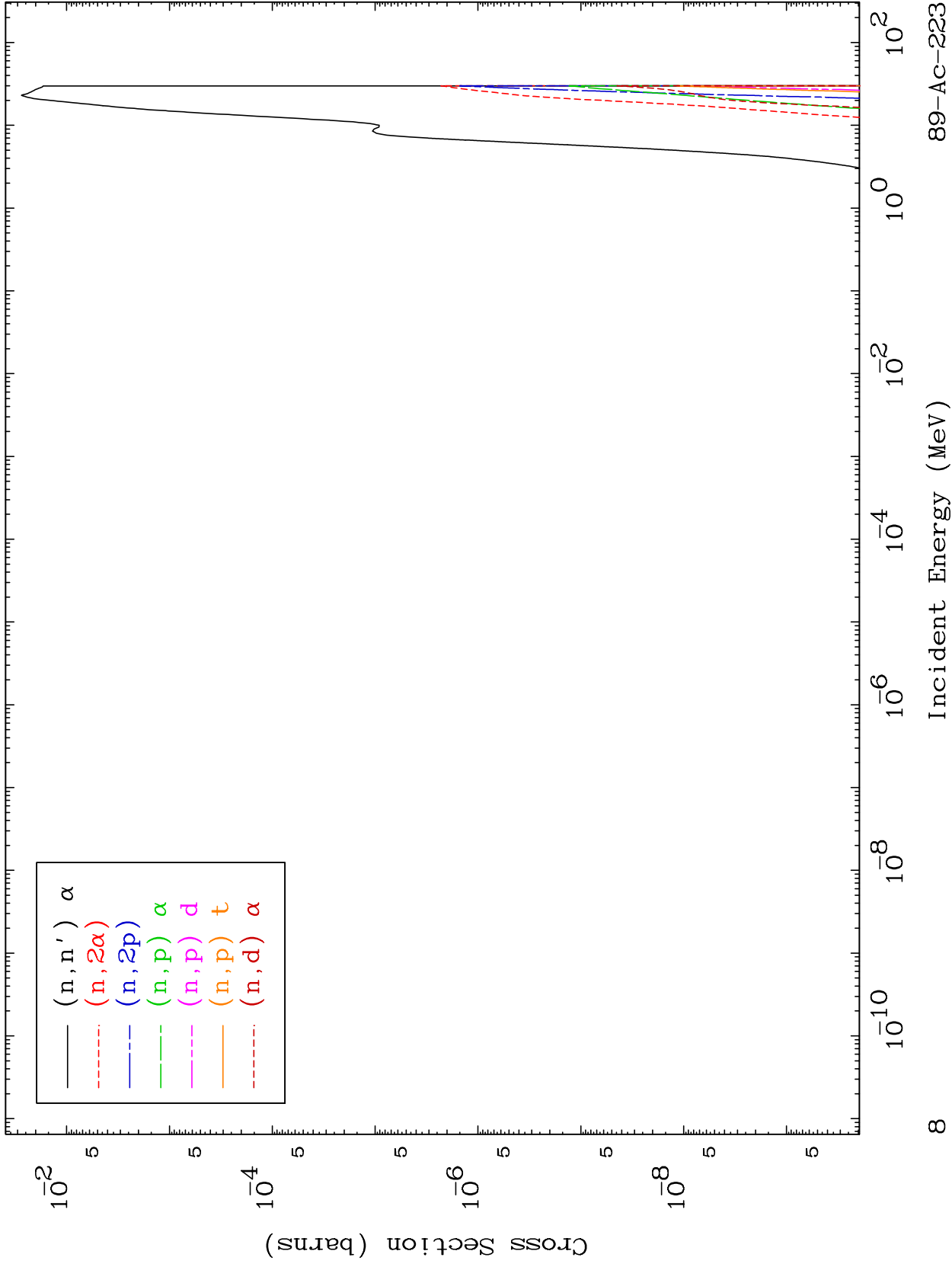


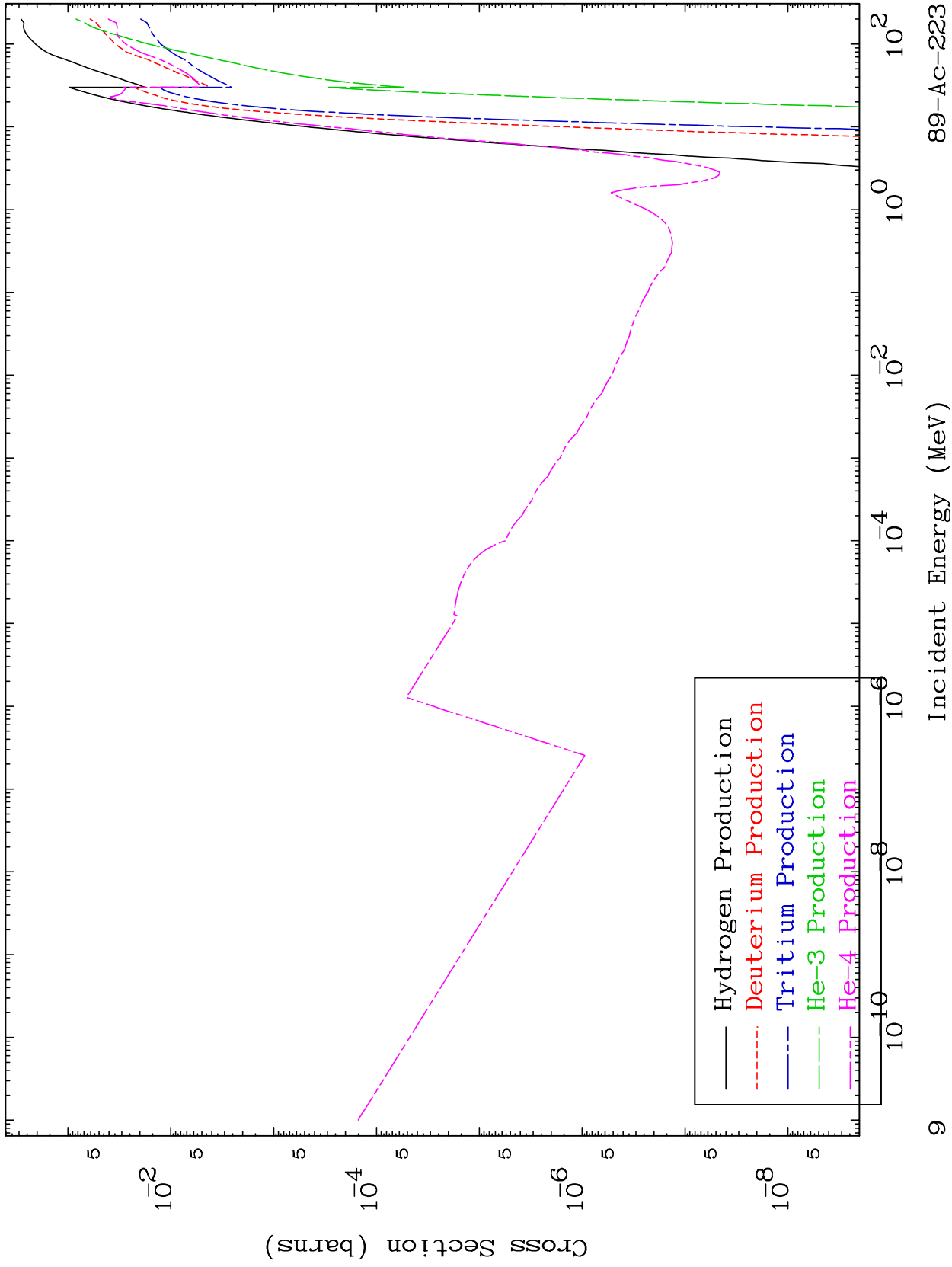


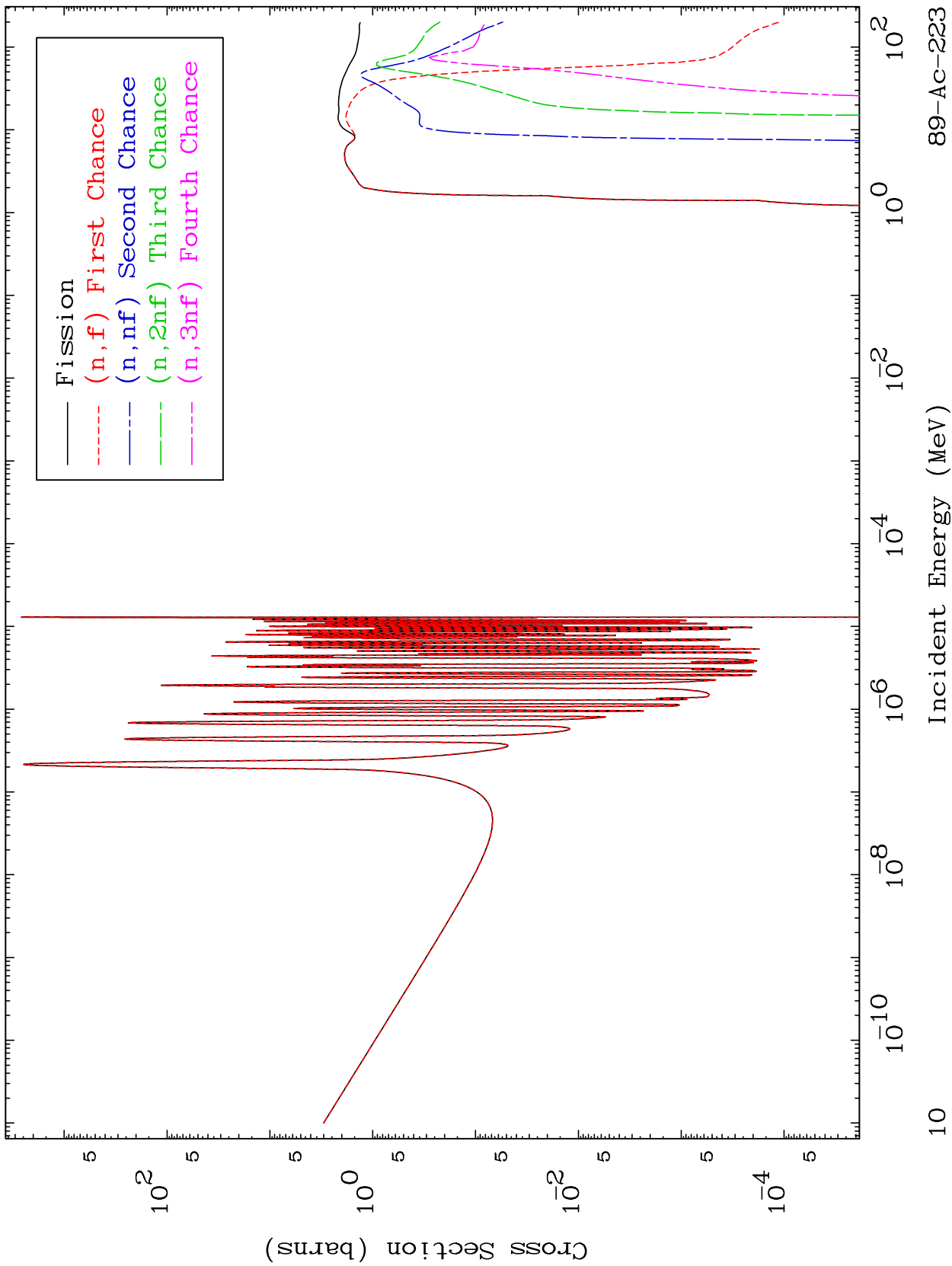
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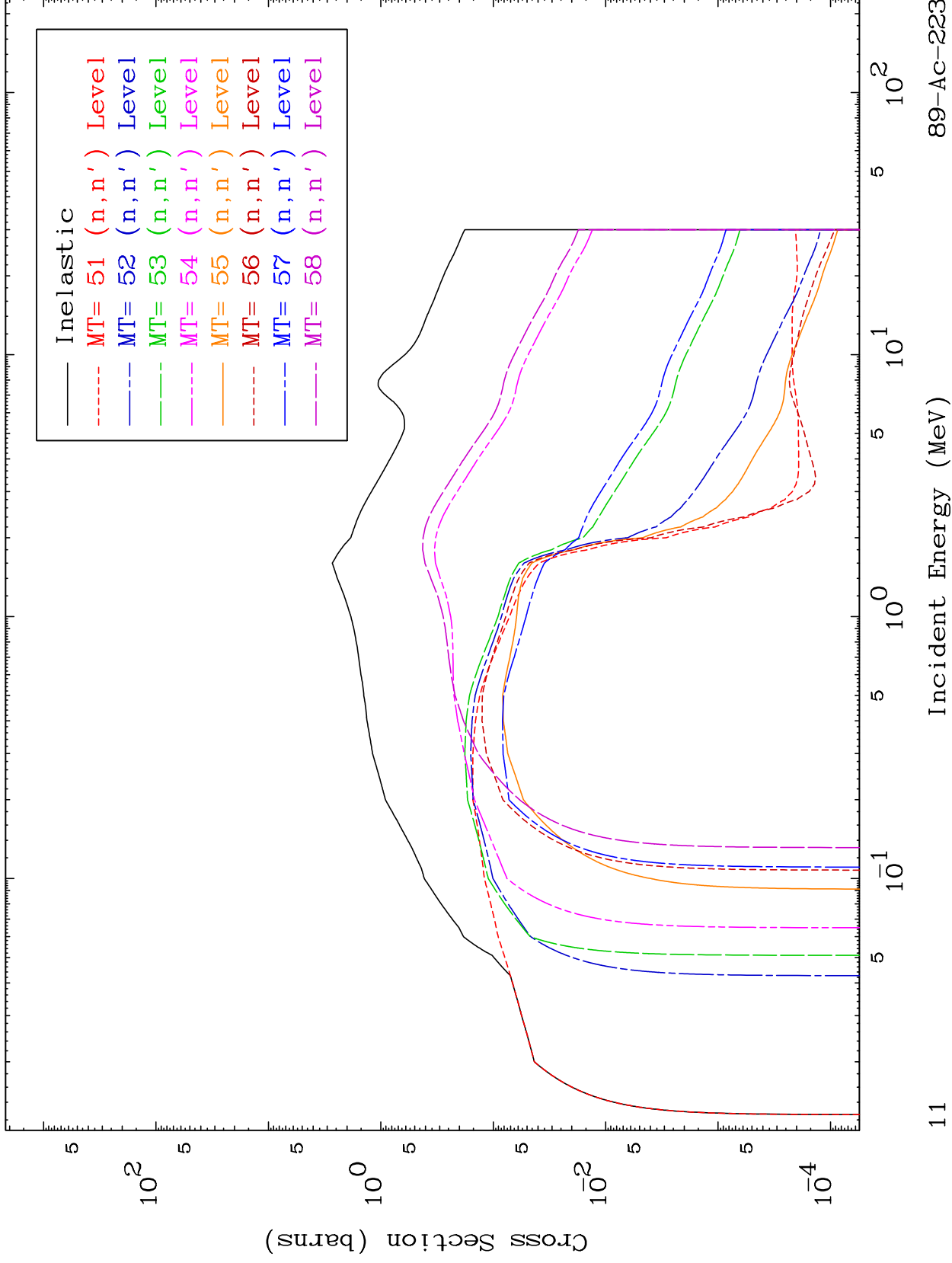
Charged Particle
293 Kelvin Cross Sections

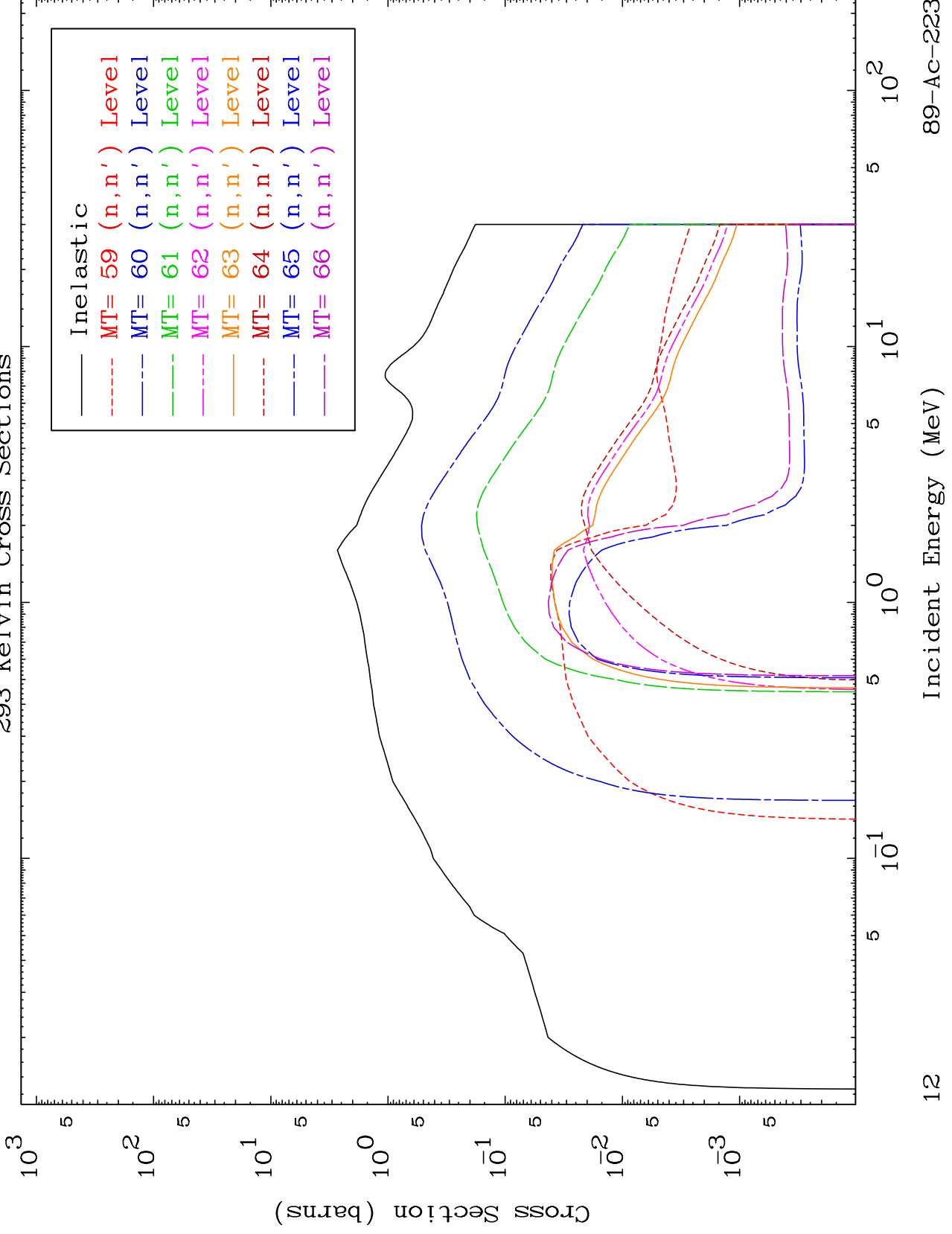
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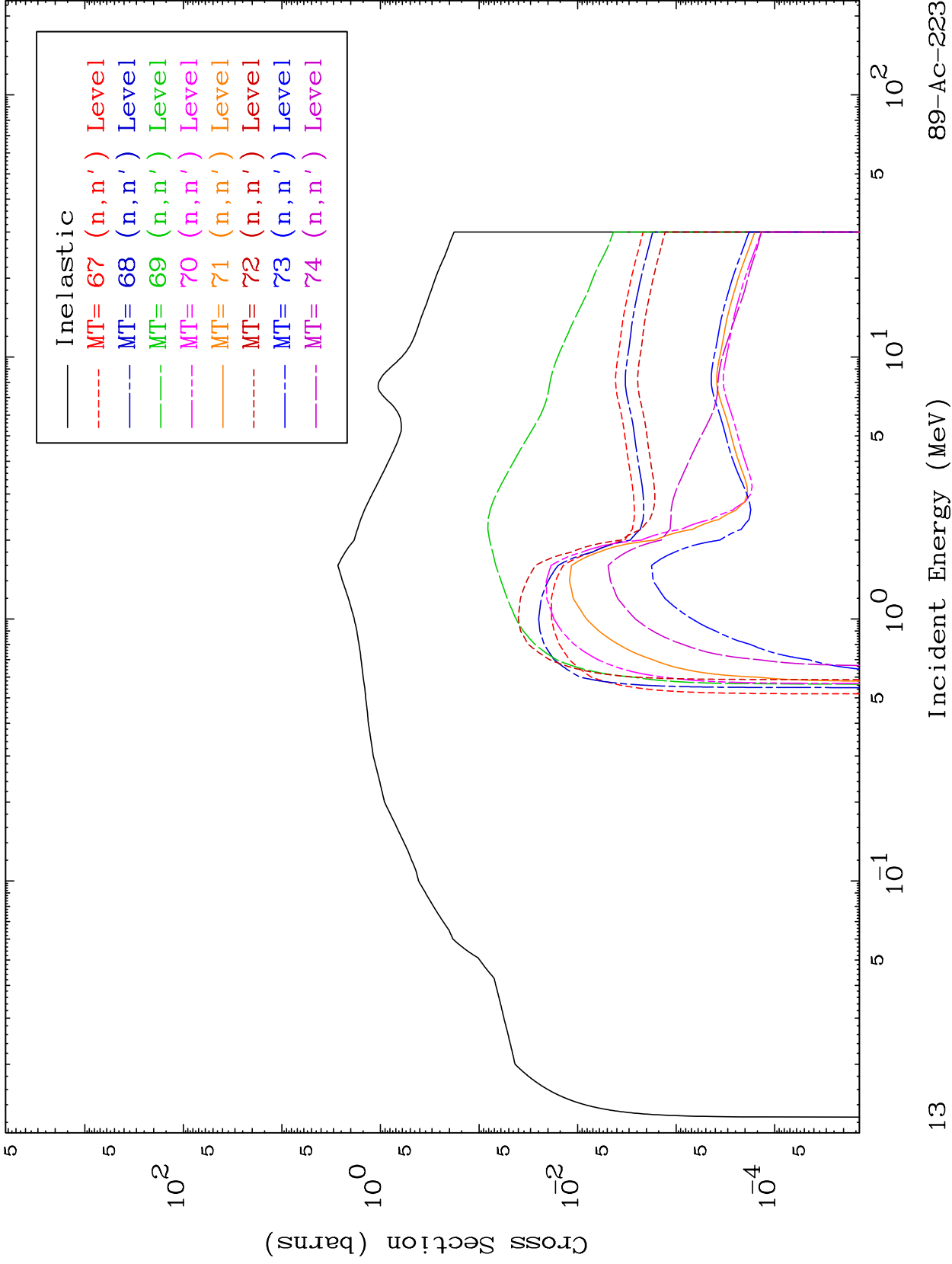




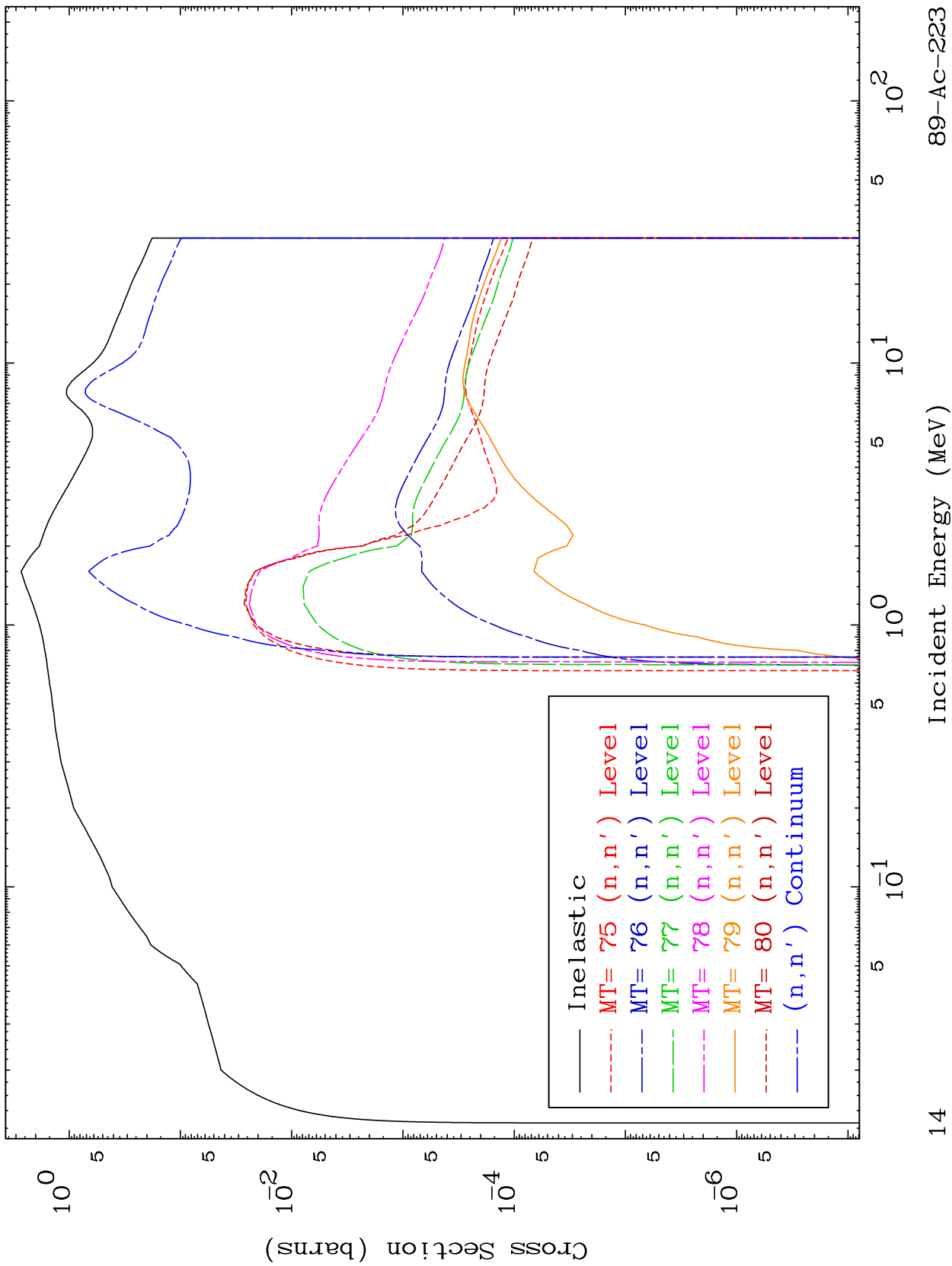








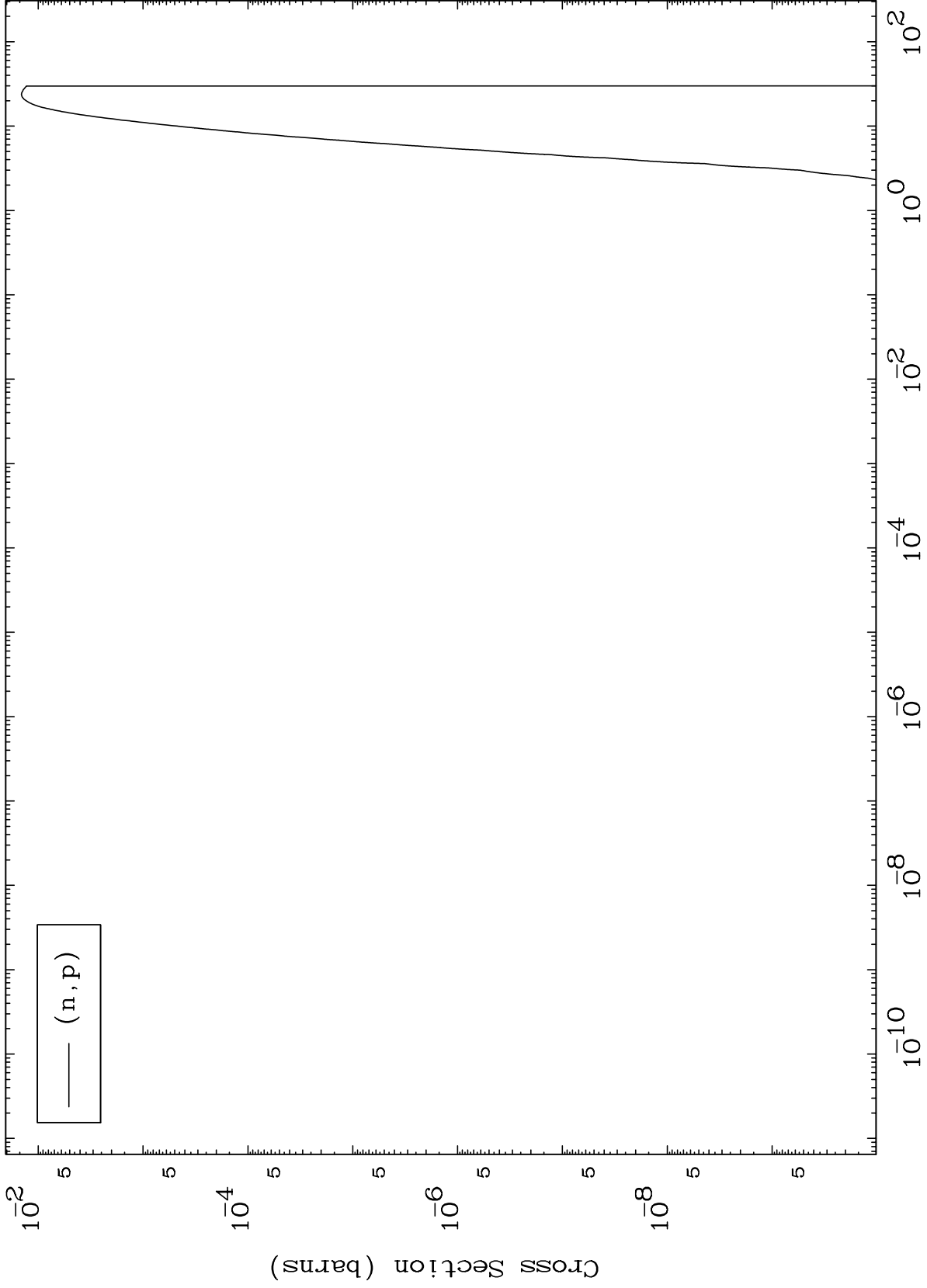
(n,n') Levels
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

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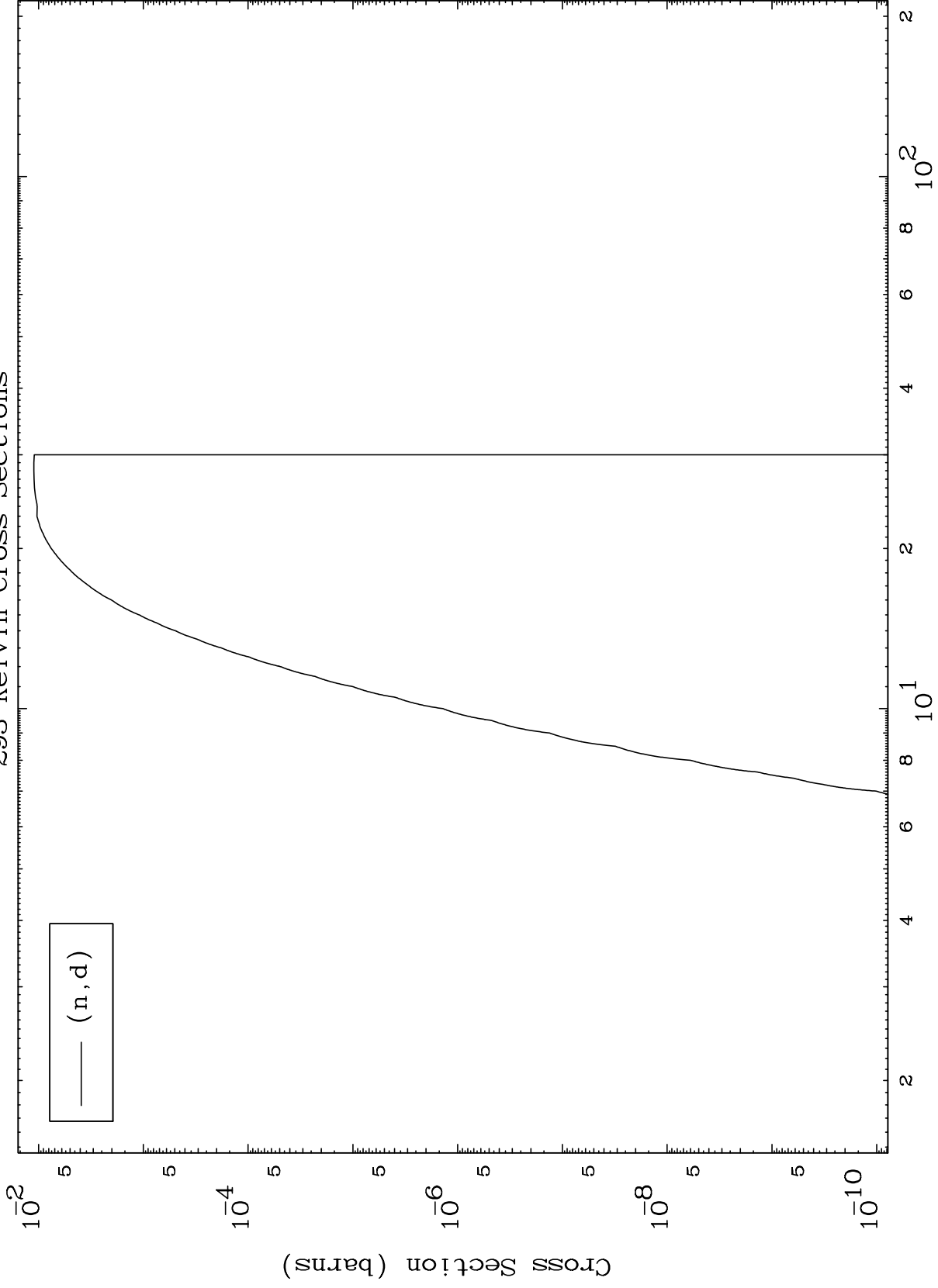
Incident Energy (MeV)

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(n,d) Levels
293 Kelvin Cross Sections

89-Ac-223



16

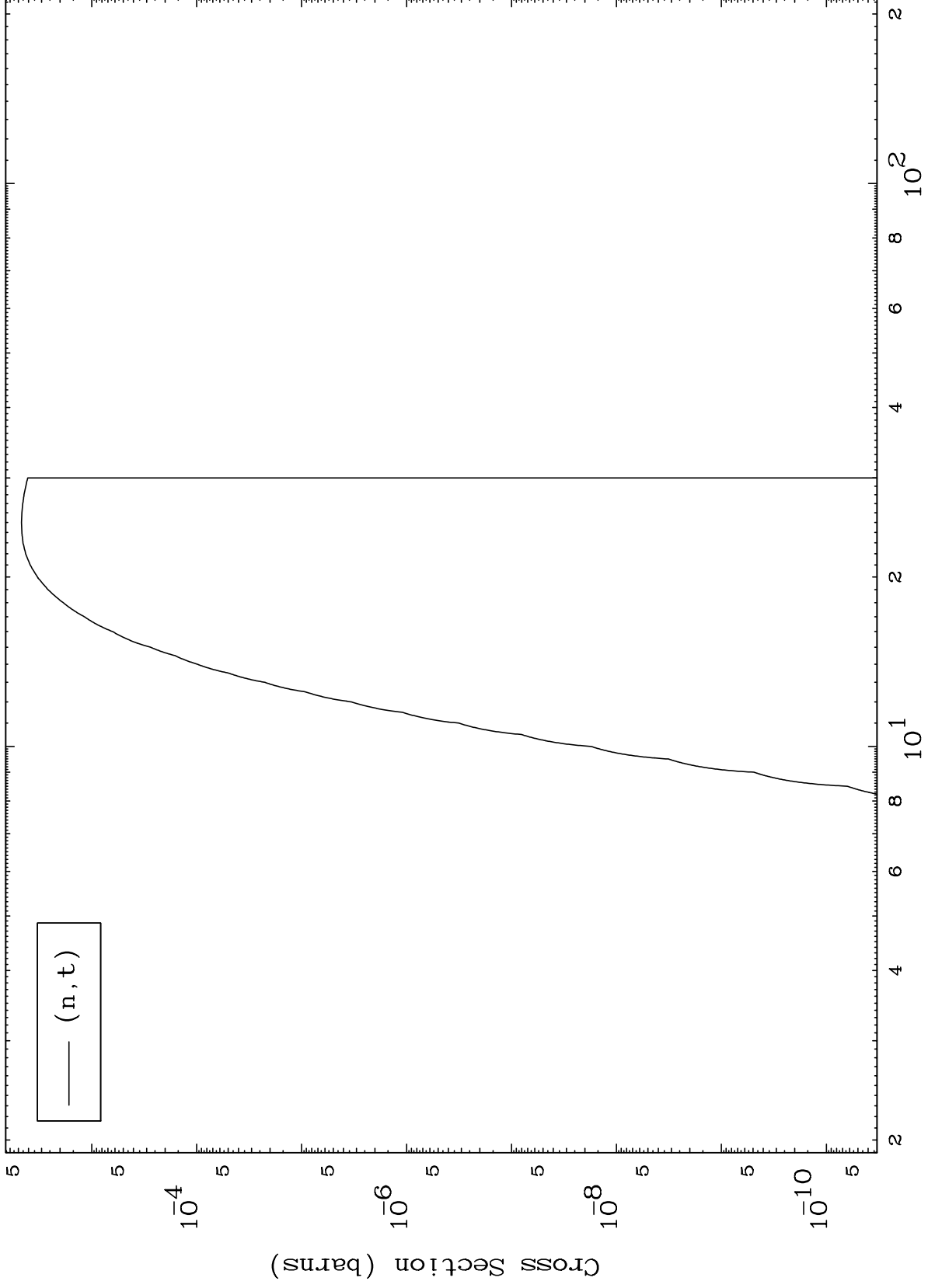
Incident Energy (MeV)

89-Ac-223

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(n,t) Levels
293 Kelvin Cross Sections

89-Ac-223



17

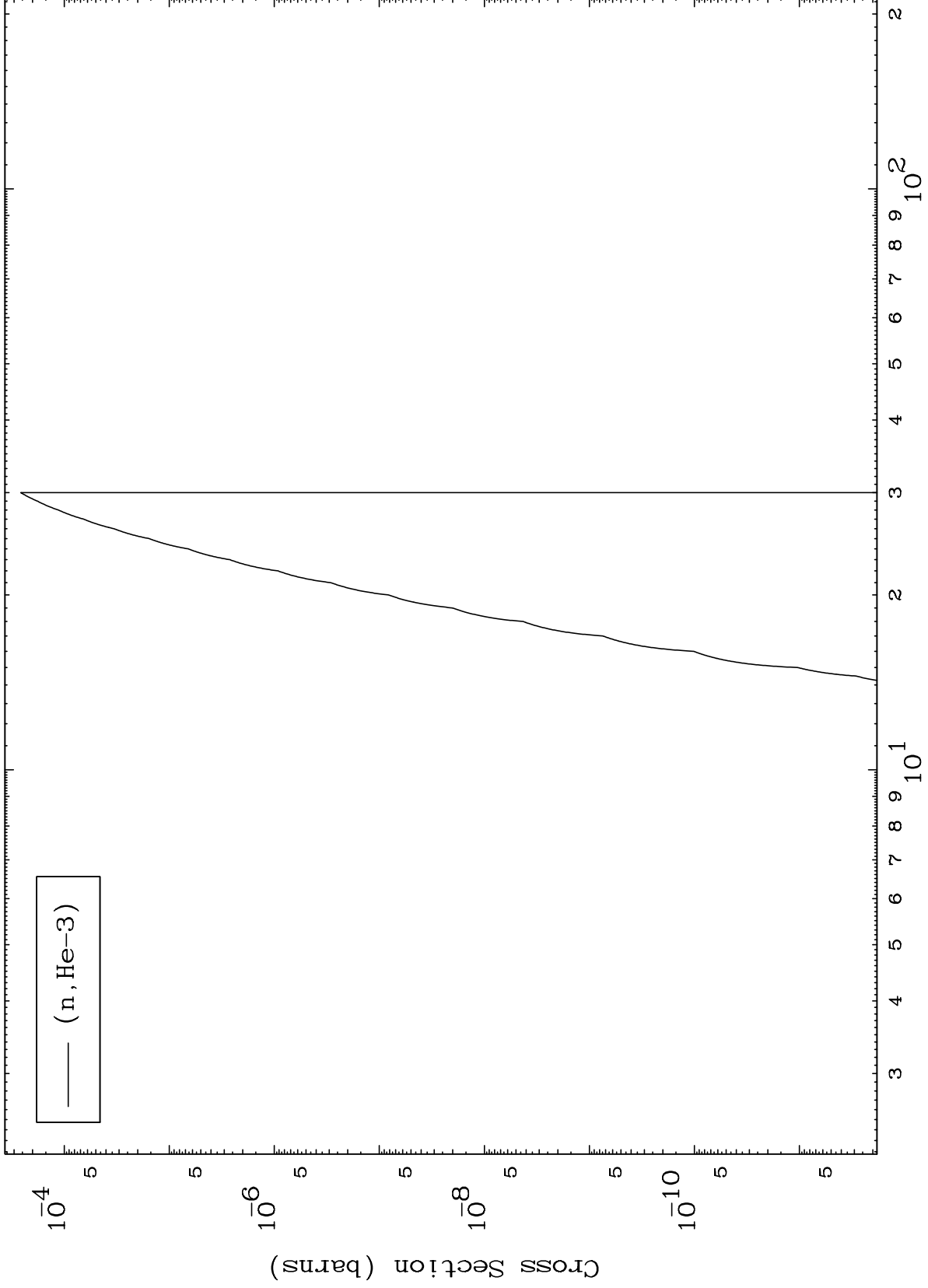
Incident Energy (MeV)

89-Ac-223

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(n,He3) Levels
293 Kelvin Cross Sections

89-Ac-223



18

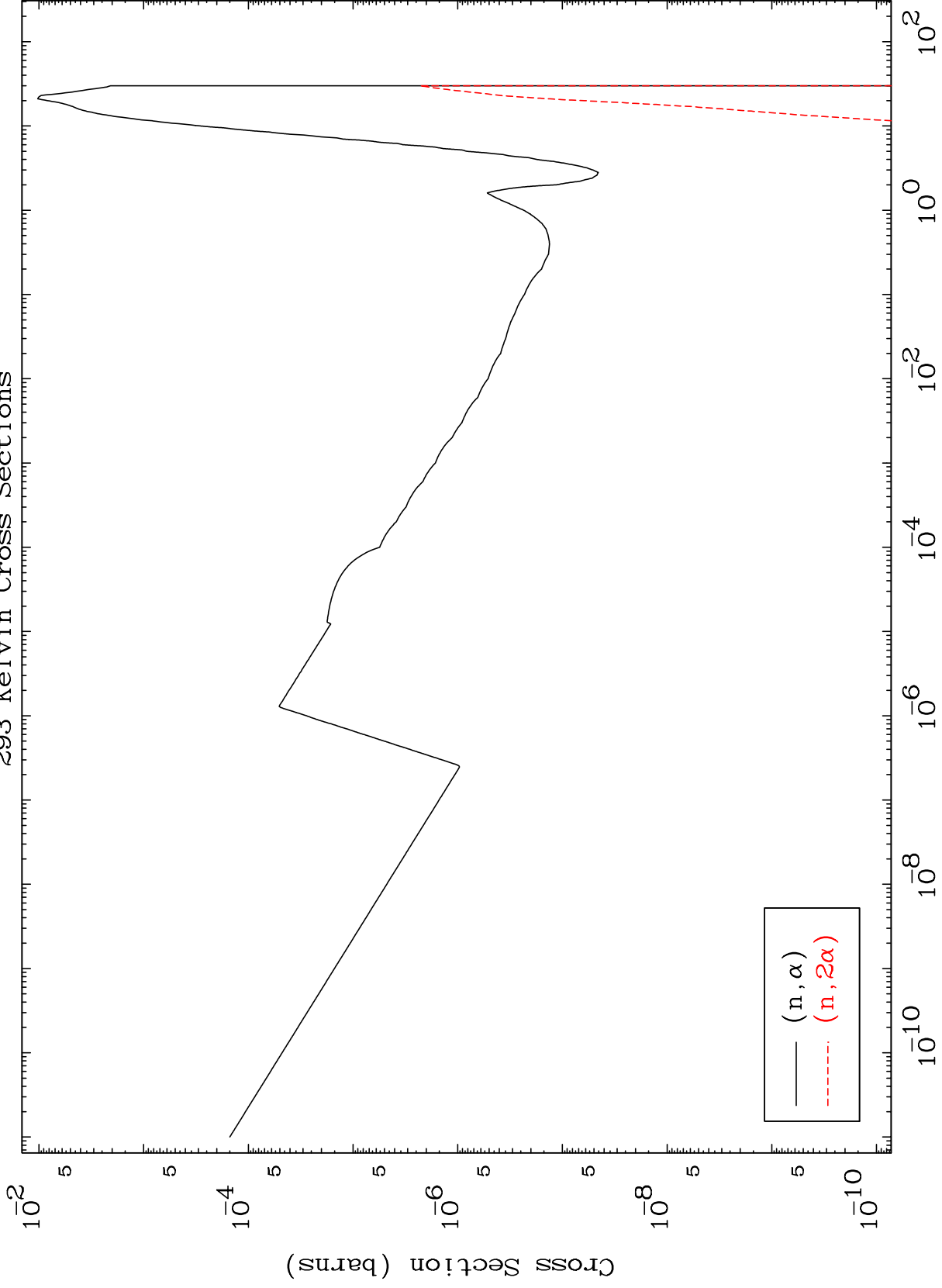
Incident Energy (MeV)

89-Ac-223

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(n, α) Levels
293 Kelvin Cross Sections

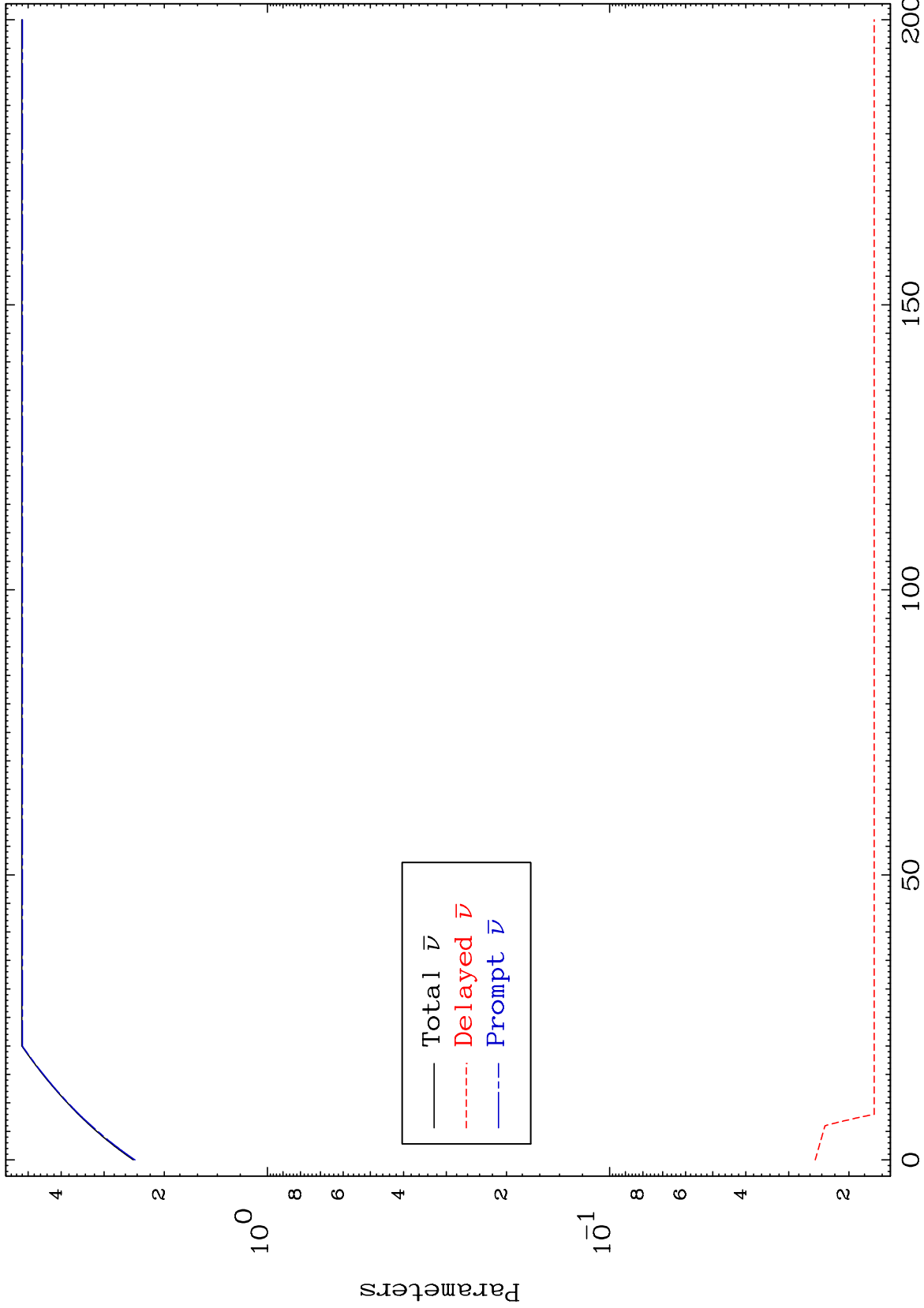
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Energy Release
Parameters

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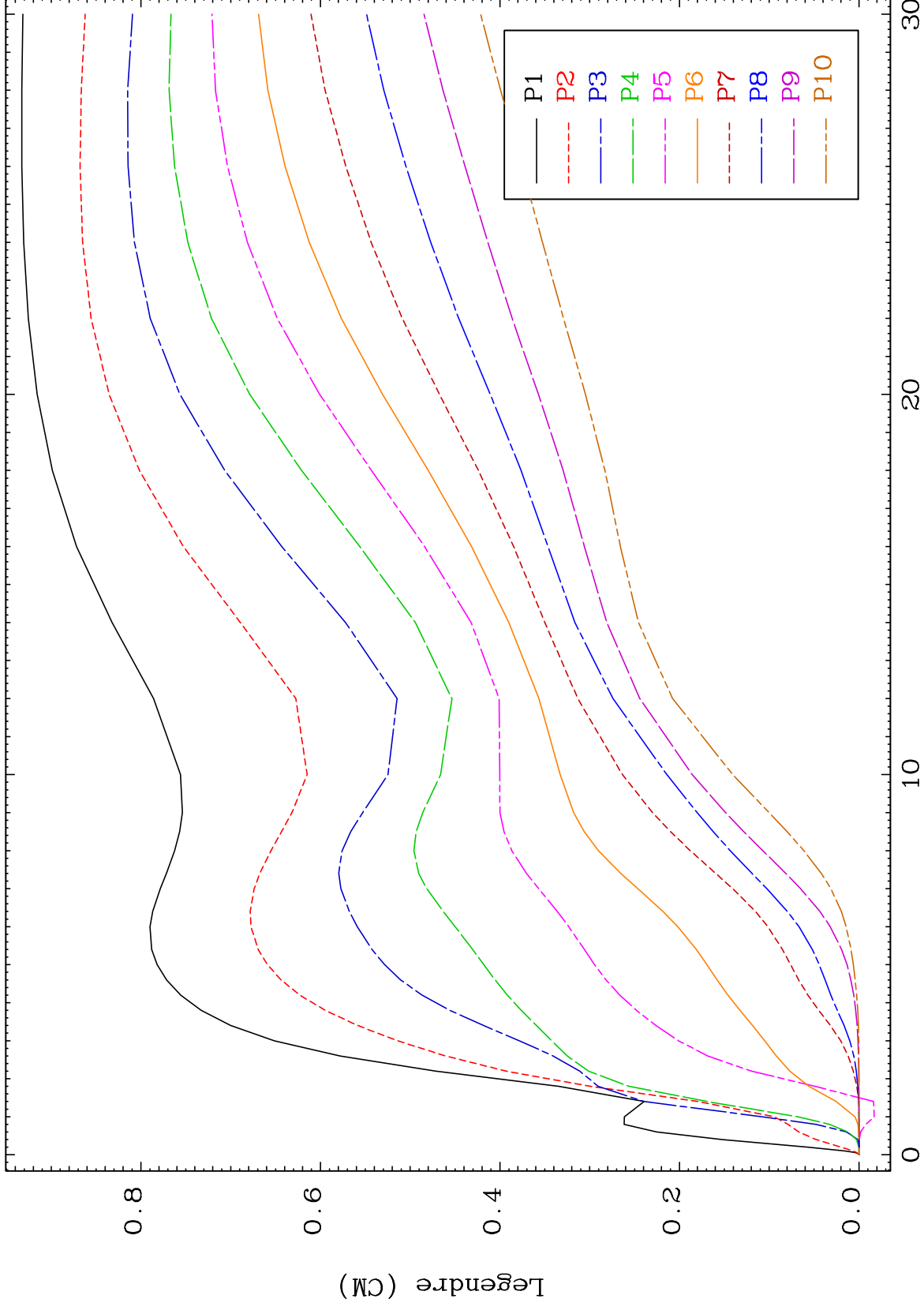
Incident Energy (MeV)

89-Ac-223

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Elastic Legendre Coefficients



21

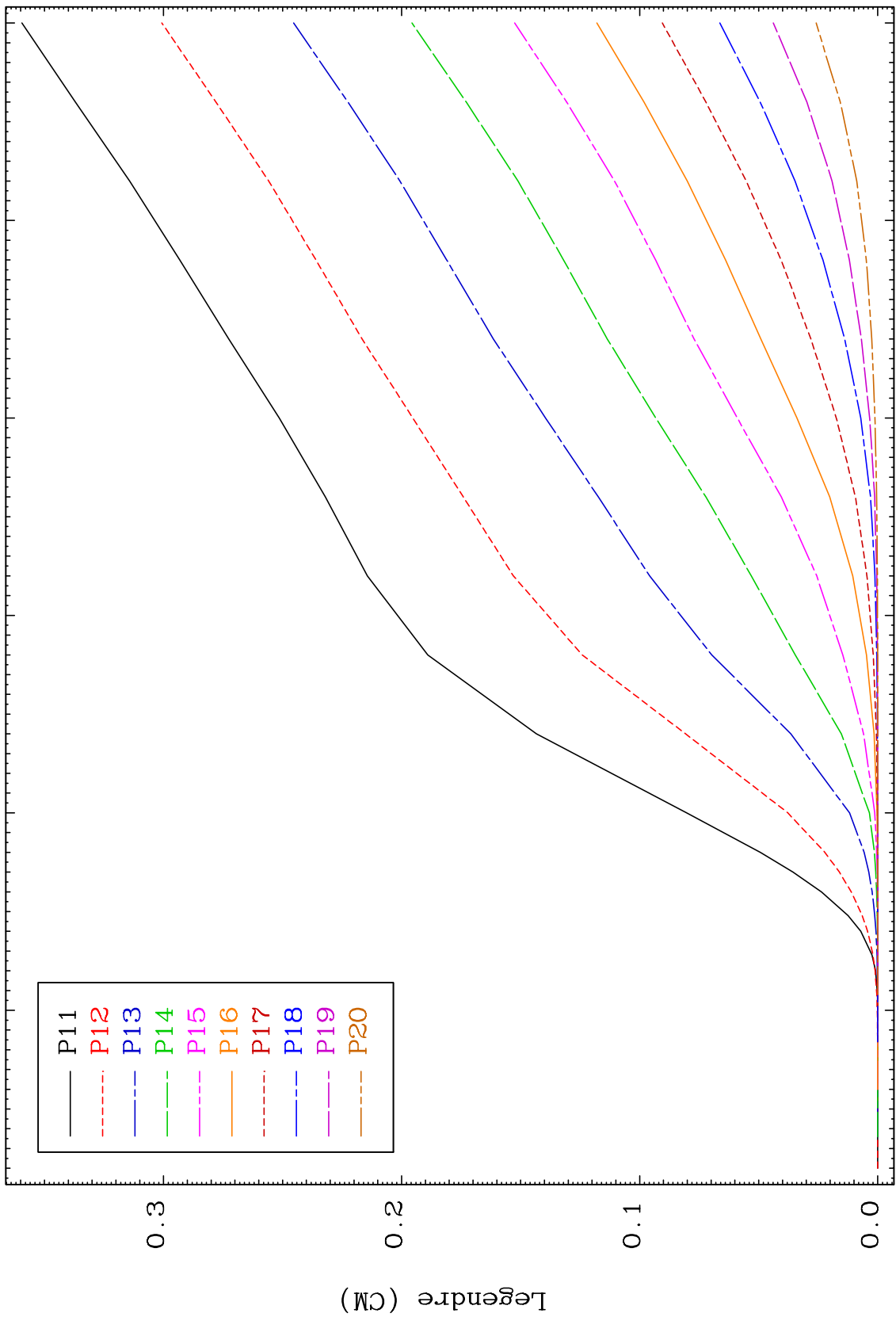
Incident Energy (MeV)

89-Ac-223

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Elastic Legendre Coefficients

89-Ac-223



22

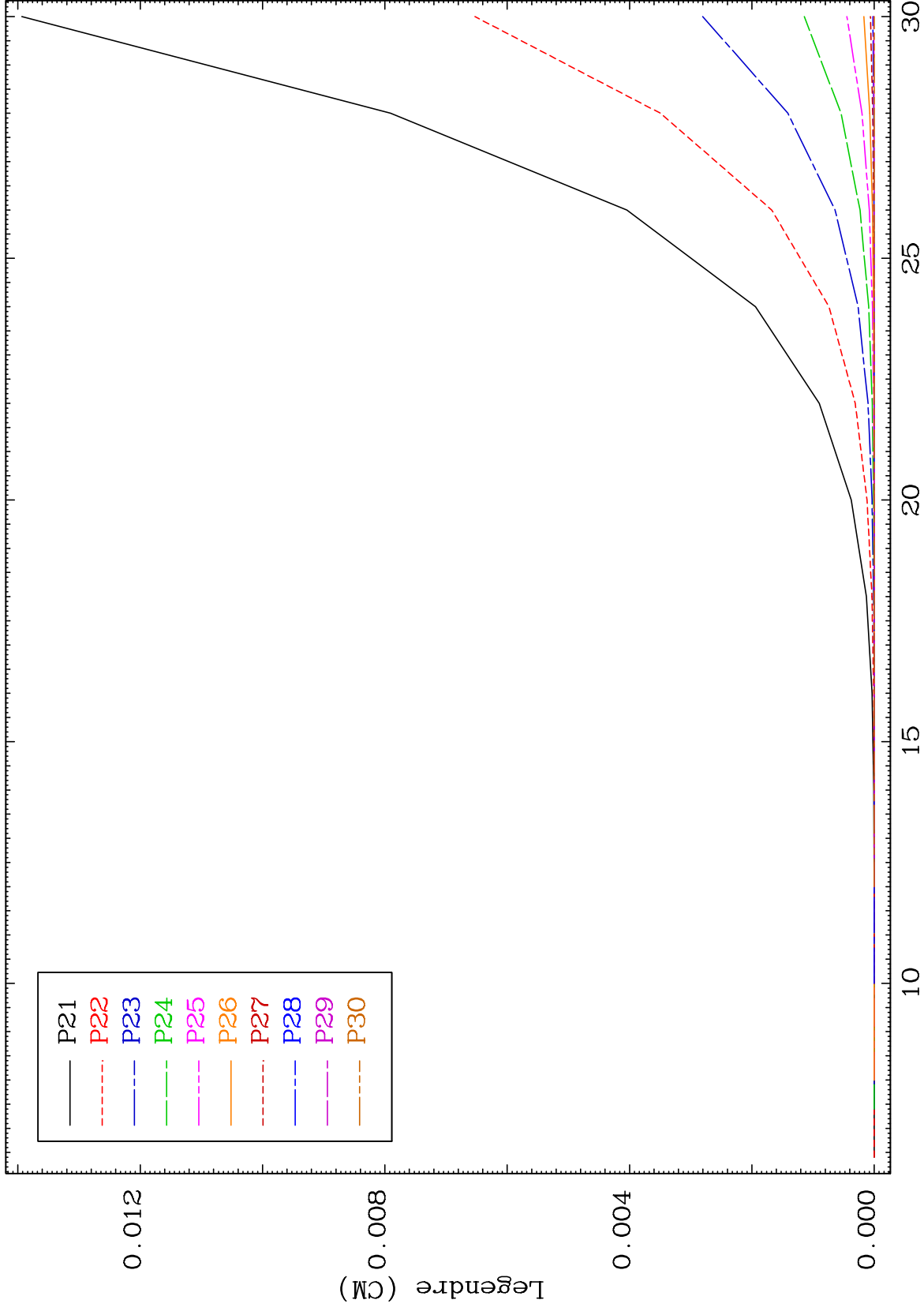
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Incident Energy (MeV)

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Elastic Legendre Coefficients

89-Ac-223



23

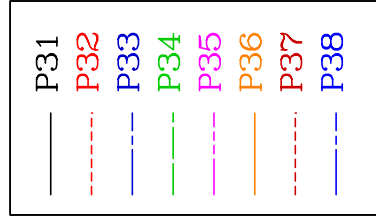
Incident Energy (MeV)

89-Ac-223

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Elastic
Legendre Coefficients

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$\times 10^{-7}$

Legendre (CM)

6

4

2

0

18

20

22

24

26

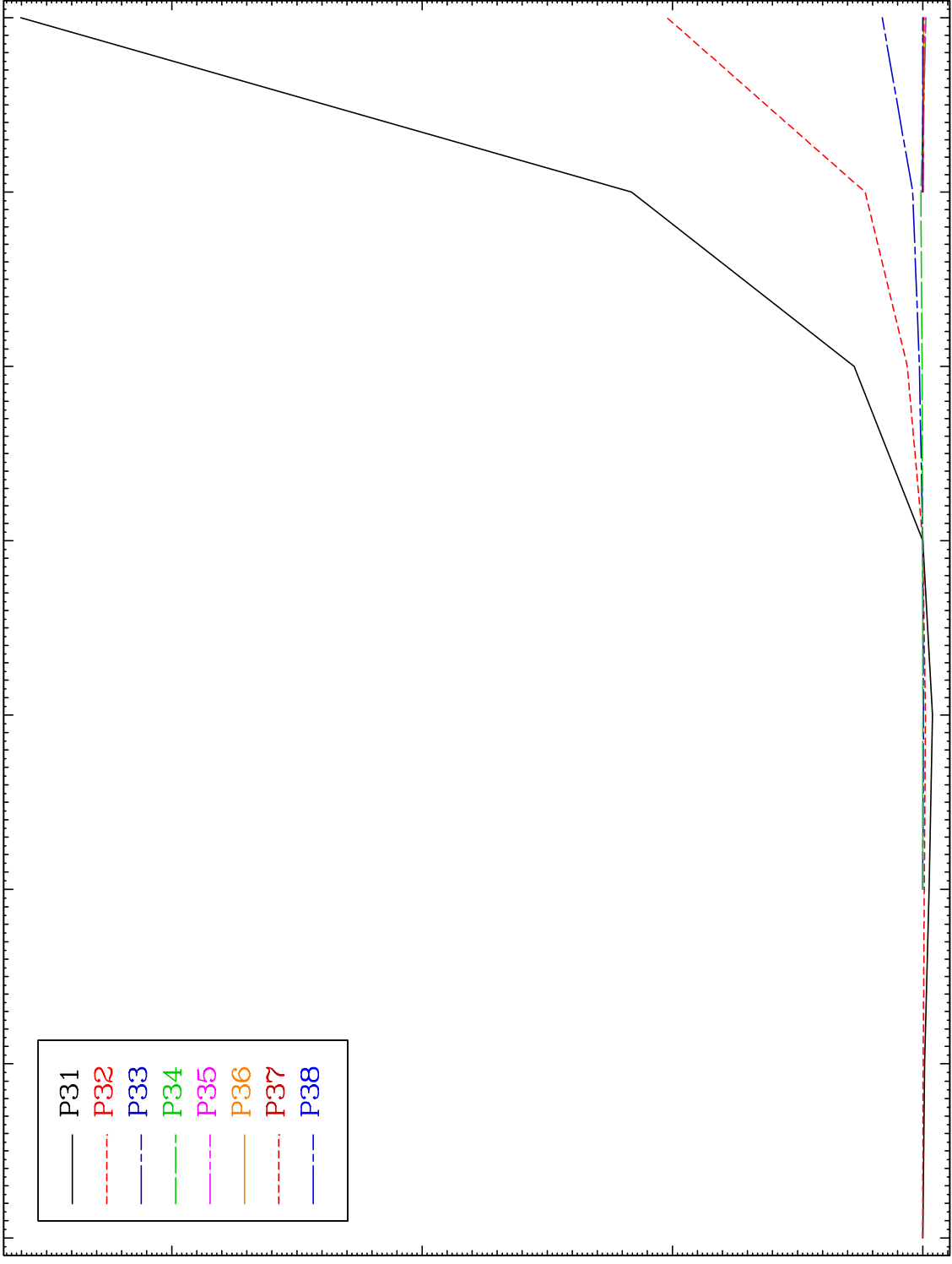
28

30

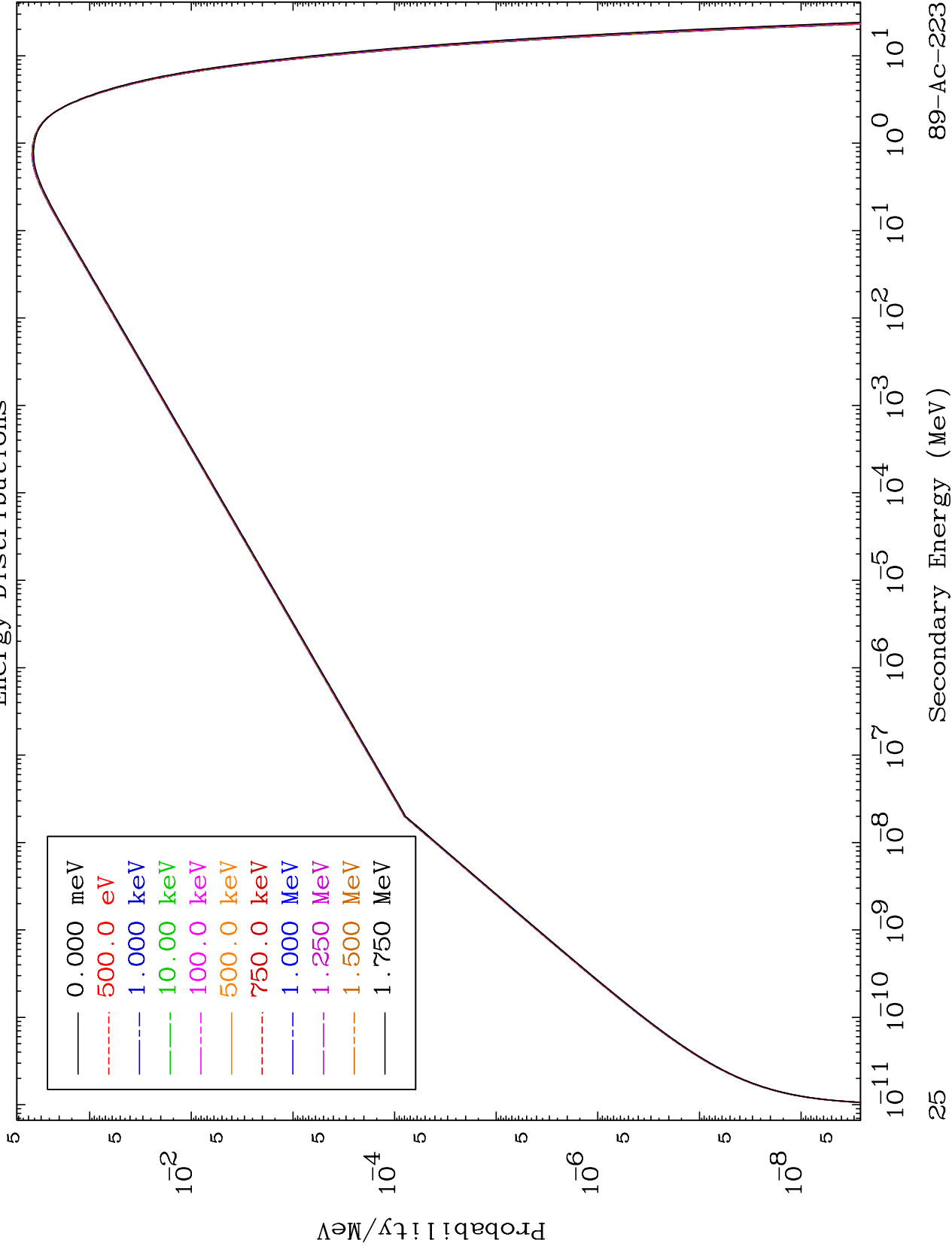
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Incident Energy (MeV)

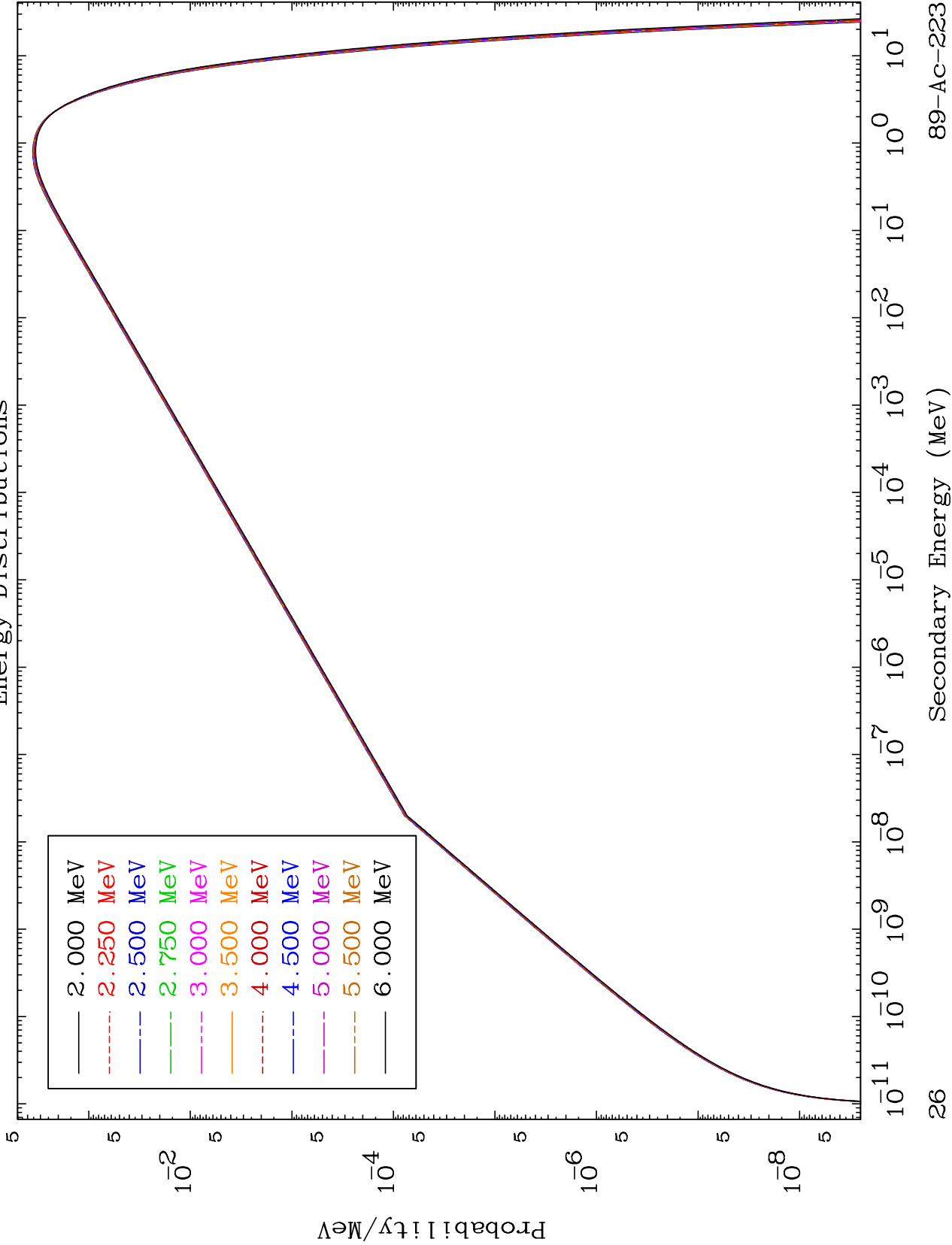
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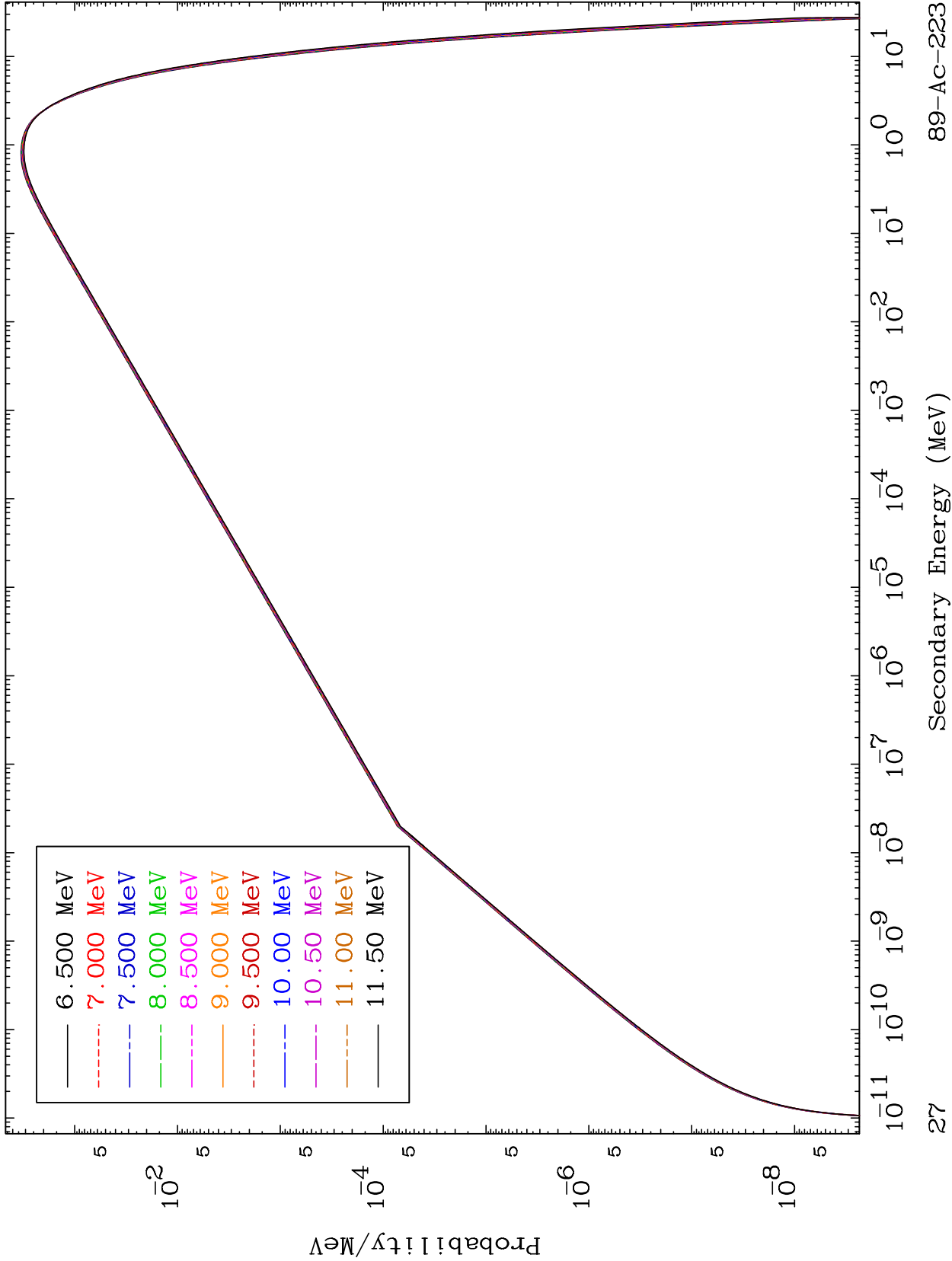


Fission Energy Distributions

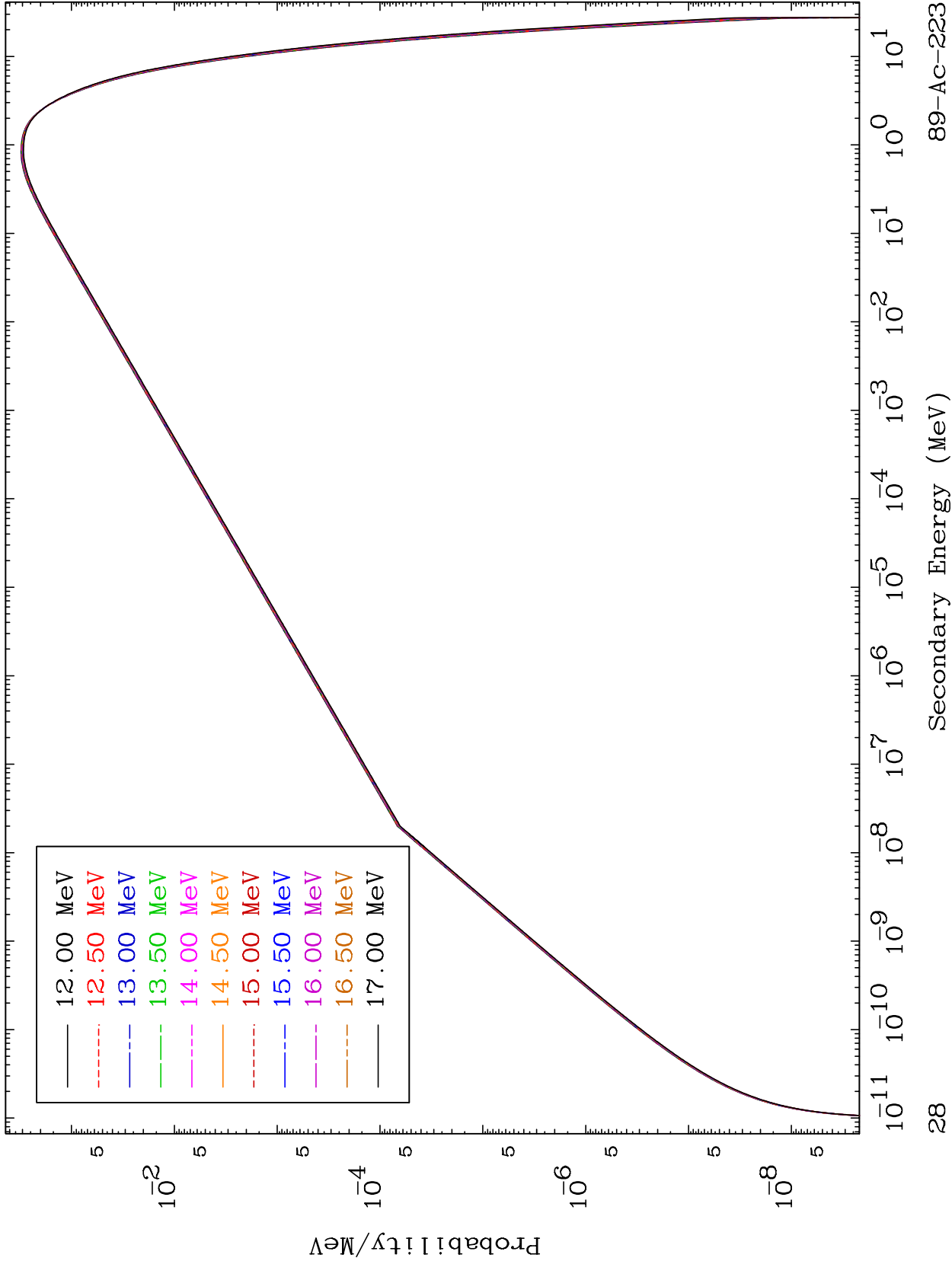


Fission Energy Distributions

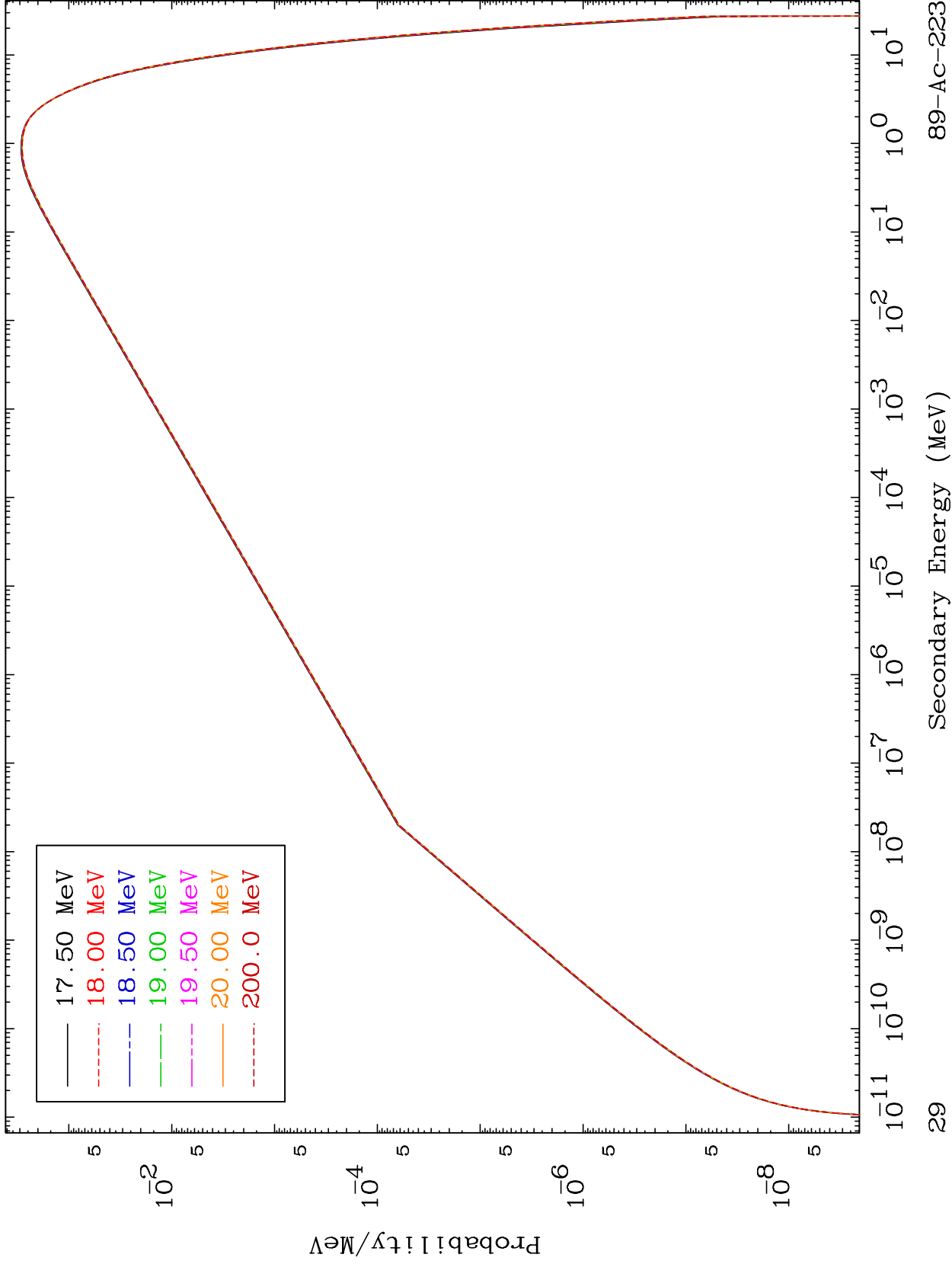




Fission Energy Distributions



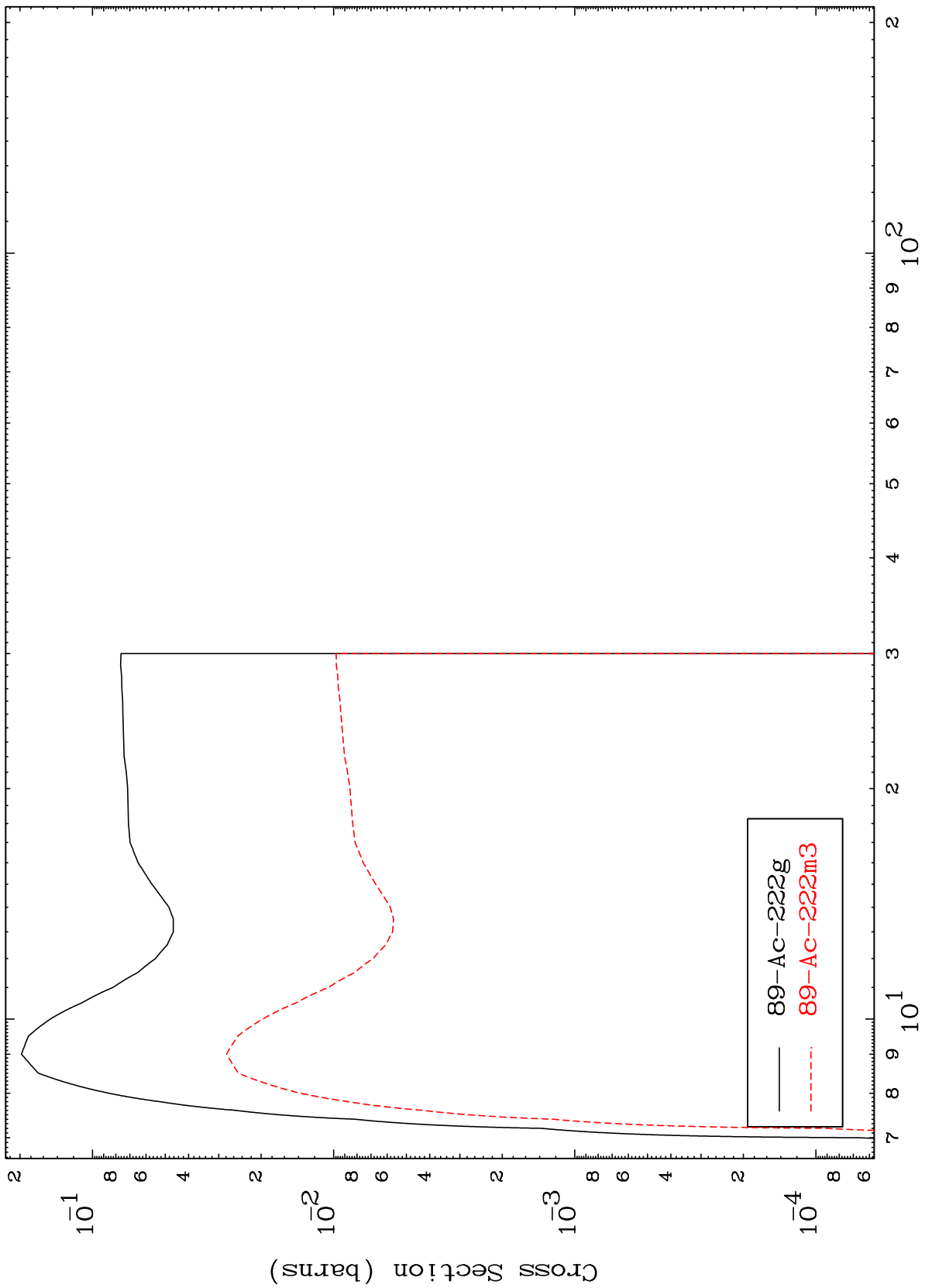
Fission Energy Distributions



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(n,2n)
Radionuclide Production Cross Section



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Incident Energy (MeV)

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(n,n') t,2 α

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Radionuclide Production Cross Section

